

CFD-G35

SERVICE MANUAL

Ver 1.4 2002. 11

*US Model
Canadian Model
E Model
Australian Model*



Model Name Using Similar Mechanism	CD Section	NEW
	Tape Section	CFD-G30
CD Mechanism Type		KSM-213RDP
Optical Pick-up Type		KSS-213R
Tape Transport Mechanism Type		MF-V5-117

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 3.2-ohm loads, both channels driven from 1 000 - 10 000 Hz; rated 2 W per channel-minimum RMS power, with no more than 10 % total harmonic distortion in AC operation.

Woofer with 4-ohm loads, driven at 50 - 150 Hz; rated 4 W minimum RMS power, with no more 10 % total harmonic distortion in AC operation.

Other specifications

CD player section

- System
 - Compact disc digital audio system
- Laser diode properties
 - Material: GaAlAs
 - Wave length: 780 nm
 - Emission duration: Continuous
 - Laser output: Less than 44.6 μ W (This output is the value measured at a distance of about 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)
- Spindle speed
 - 200 r/min (rpm) to 500 r/min (rpm) (CLV)
- Number of channels
 - 2
- Frequency response
 - 20 - 20 000 Hz +1/-2 dB
- Wow and flutter
 - Below measurable limit

Radio section

- Frequency range
 - FM: 87.5 - 108 MHz
 - AM: 530 - 1 710 kHz
 - (US, Canadian, Mexican, Chilean and Peruvian models)
 - : 531-1611 kHz (Australian model)
 - : 531-1611 kHz (9 kHz step) (Singapore model)
 - : 530-1610 kHz (10 kHz step) (Argentina model)
- Antennas
 - FM: Telescopic antenna
 - AM: Built-in ferrite bar antenna

Cassette-corder section

- Recording system
 - 4-track 2 channel stereo
- Fast winding time
 - Approx. 115 s (sec.) with Sony cassette C-60
- Frequency response
 - TYPE I (normal): 70 - 13 000 Hz

General

- Speaker
 - Full range: 10 cm (4 in.) dia., 3.2 Ω , cone type (2)
 - Woofer: 8 cm (3 1/4 in.) dia., 4 Ω , cone type (1)
- Outputs
 - Headphones jack (stereo minijack)
 - For 16 - 68 Ω impedance headphones
- Power output
 - 2 W + 2 W (at 3.2 Ω , 10% harmonic distortion in DC operation)
 - Woofer:
 - 6 W (at 4 Ω , 10 % harmonic distortion in DC operation)

Power requirements

- For CD radio cassette-corder:
 - 120V AC, 60 Hz:
 - (US, Canadian, Mexican, Chilean and Peruvian models)
 - 220 - 230V AC, 50 Hz:
 - (Argentina model)
 - 230V AC, 50 Hz:
 - (Other models)
 - 9 V DC, 6 size D (R20) batteries
- For remote control:
 - 3 V DC, 2 size AA (R6) batteries
- Power consumption
 - AC 25 W

Battery life

- For CD radio cassette-corder:

FM recording

- Sony R20P: approx. 4 h
- Sony alkaline LR20: approx. 19 h

Tape playback

- Sony R20P: approx. 1.5 h
- Sony alkaline LR20: approx. 7 h

CD playback

- Sony R20P: approx. 1.5 h
- Sony alkaline LR20: approx. 3.5 h

Dimensions

- Approx. 456 \times 195 \times 330 mm (w/h/d)
- (18 \times 7 3/4 \times 13 inches) (incl. projecting parts)

Mass

- Approx. 6.4 kg (14 lb. 2 oz) (incl. batteries)

Supplied accessory

- AC power cord (1)
- Remote control (1)

Design and specifications are subject to change without notice.

CD RADIO CASSETTE-CORDER

9-873-631-05

2002K1600-1

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Sony Corporation

Personal Audio Company

Published by Sony Engineering Corporation

SONY®

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of soldering iron around 270°C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE \triangle SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1 SERVICING NOTES

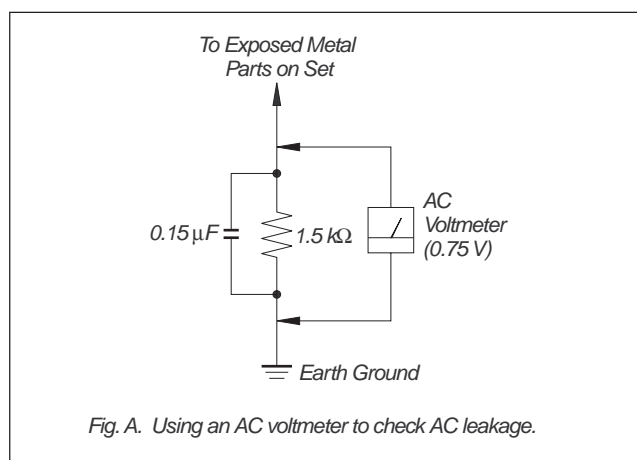
SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)



NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body. During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts. The flexible board is easily damaged and should be handled with care.

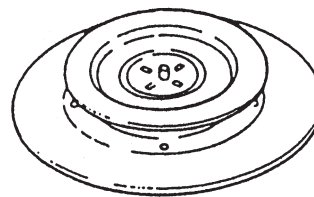
NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe more than 30 cm away from the objective lens.

CHUCK PLATE JIG ON REPAIRING

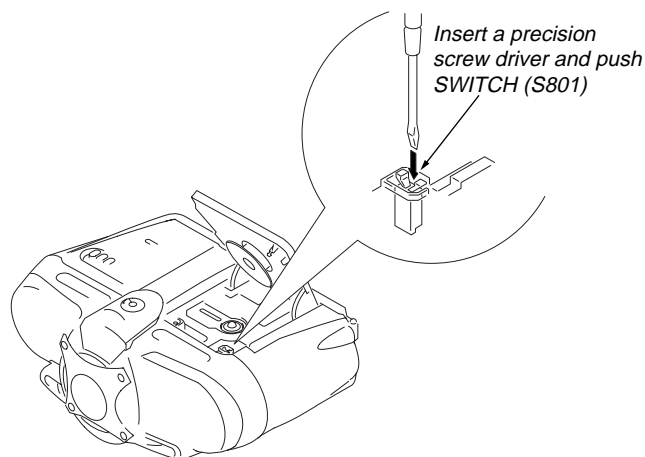
On repairing CD section, playing a disc without the CD lid, use Chuck Plate Jig.

- Code number of Chuck Plate Jig : X-4918-255-1



LASER DIODE AND FOCUS SEARCH OPERATION CHECK

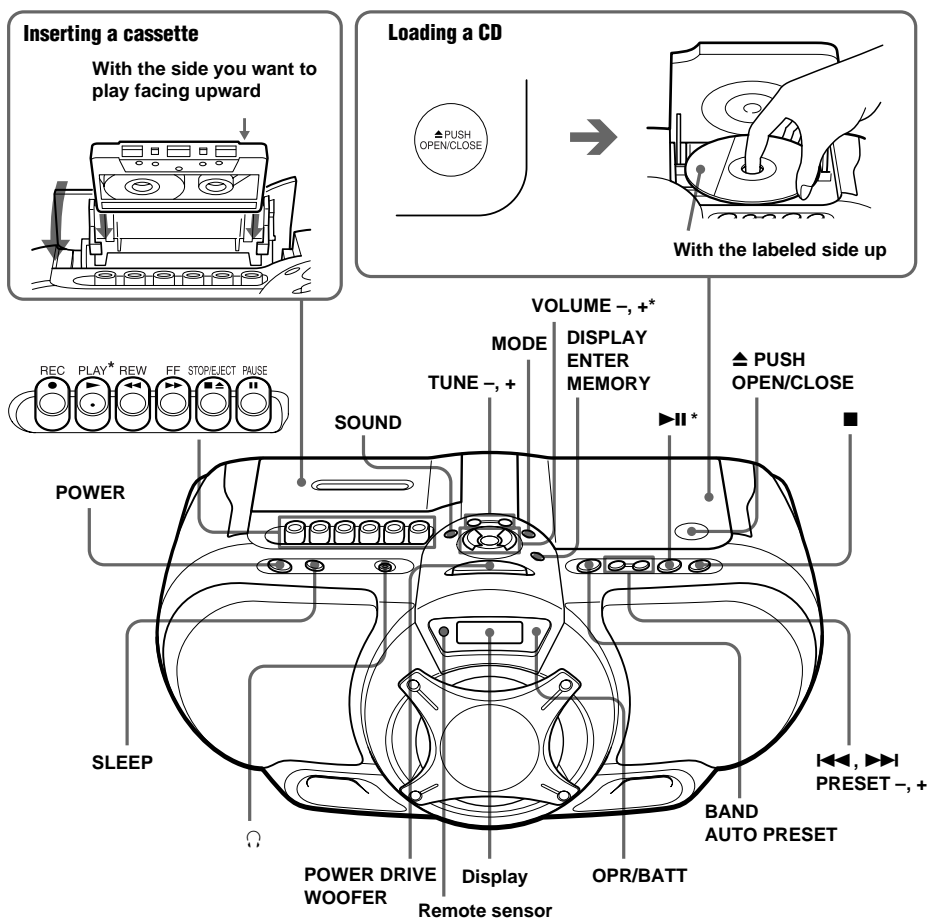
1. Press CD open knob.
2. Open the lid for CD.
3. Push on SWITCH (S801) as following figure.
4. Confirm the laser diode emission while observing the objecting lens. When there is no emission, Auto Power Control circuit or Optical Pick-up is broken. Objective lens moves up and down once for the focus search.



SECTION 2 GENERAL

This section is extracted from instruction manual.

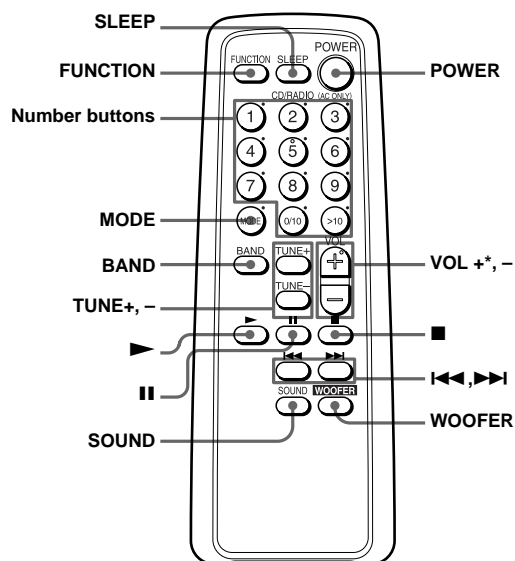
Location of controls



Display



Remote Control



About CD-Rs/CD-RWs

This player can play CD-Rs/CD-RWs recorded in the CD-DA format*, but playback capability may vary depending on the quality of the disc and the condition of the recording device.

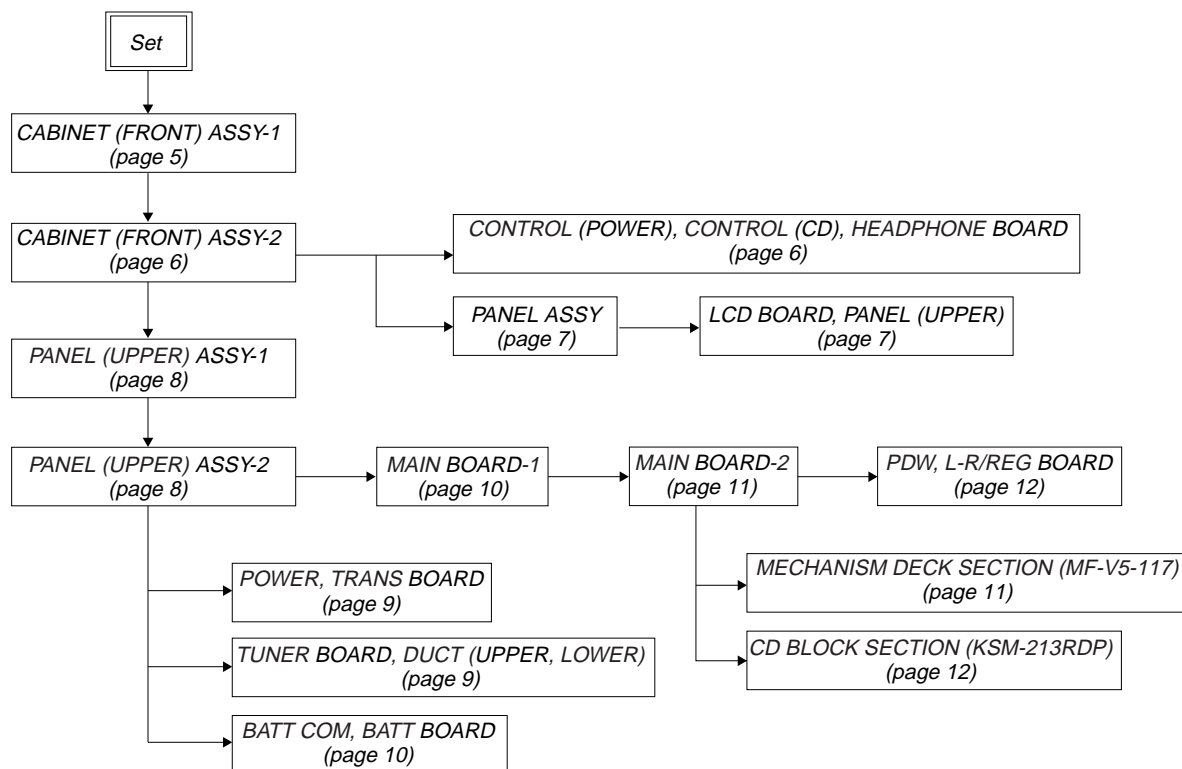
* CD-DA is the abbreviation for Compact Disc Digital Audio. It is a recording standard used for Audio CDs.

If you have any questions or problems concerning your player, please consult your nearest Sony dealer.

*The button has a tactile dot.

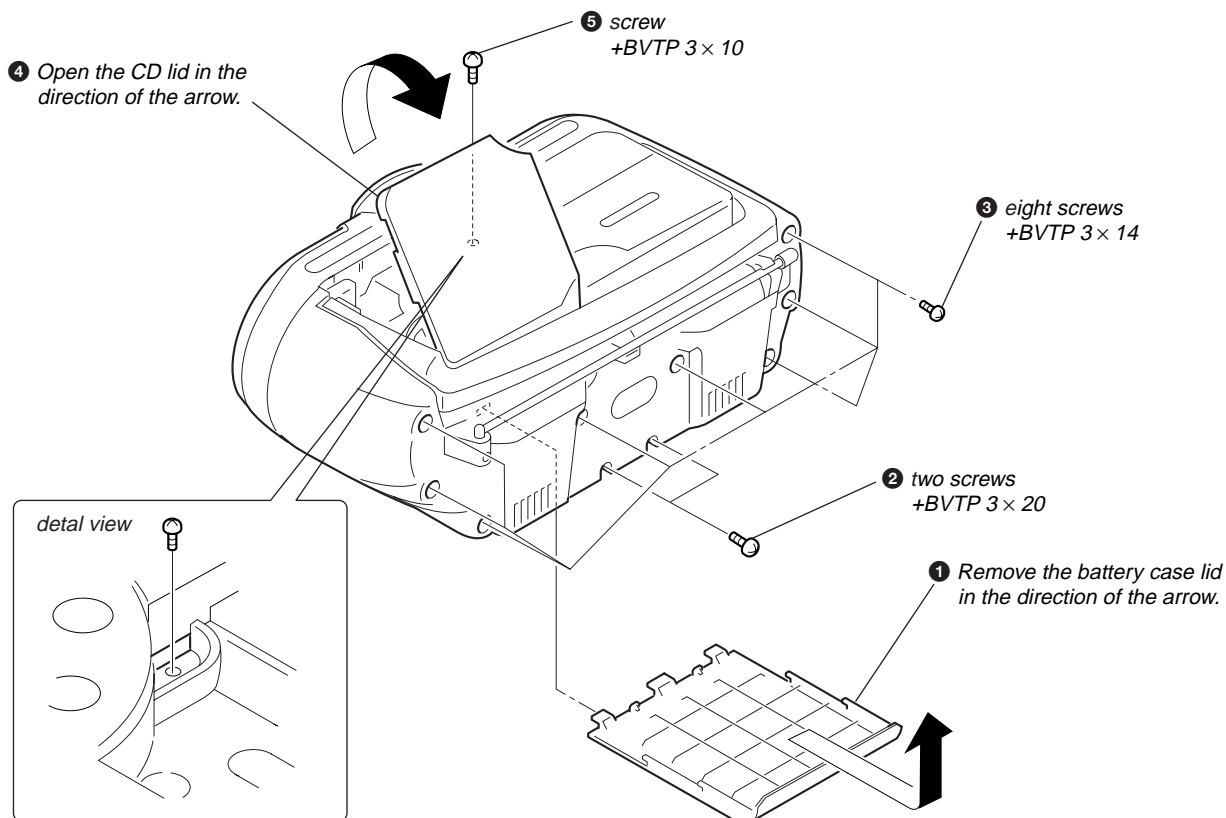
SECTION 3 DISASSEMBLY

- The equipment can be removed using the following procedure.

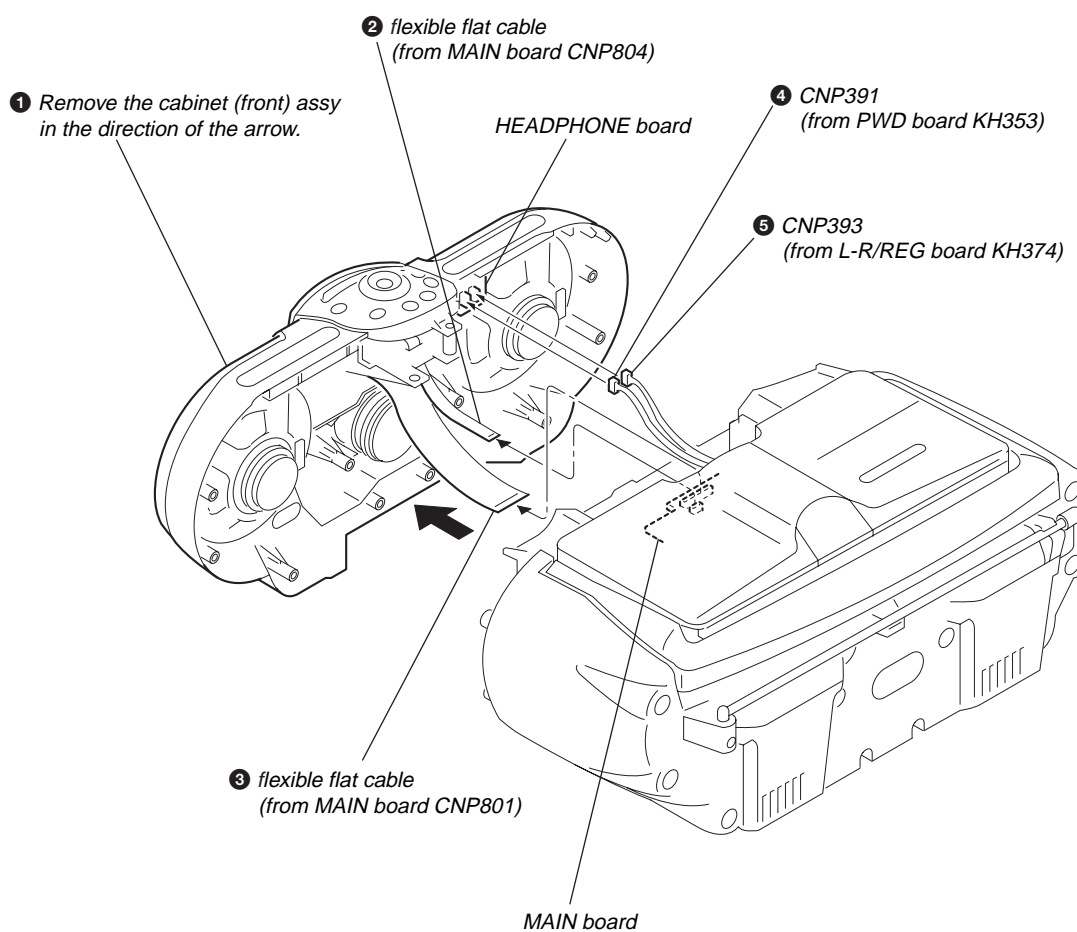


Note : Follow the disassembly procedure in the numerical order given.

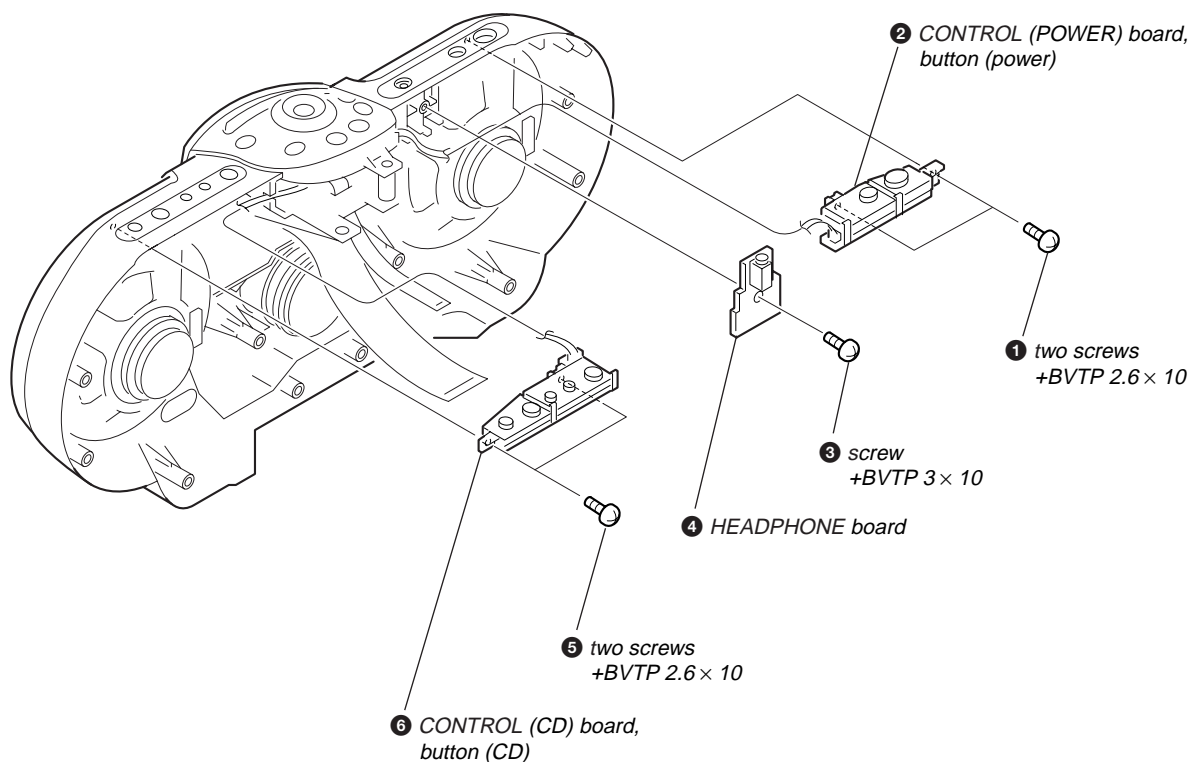
3-1. Cabinet (Front) Assy- 1



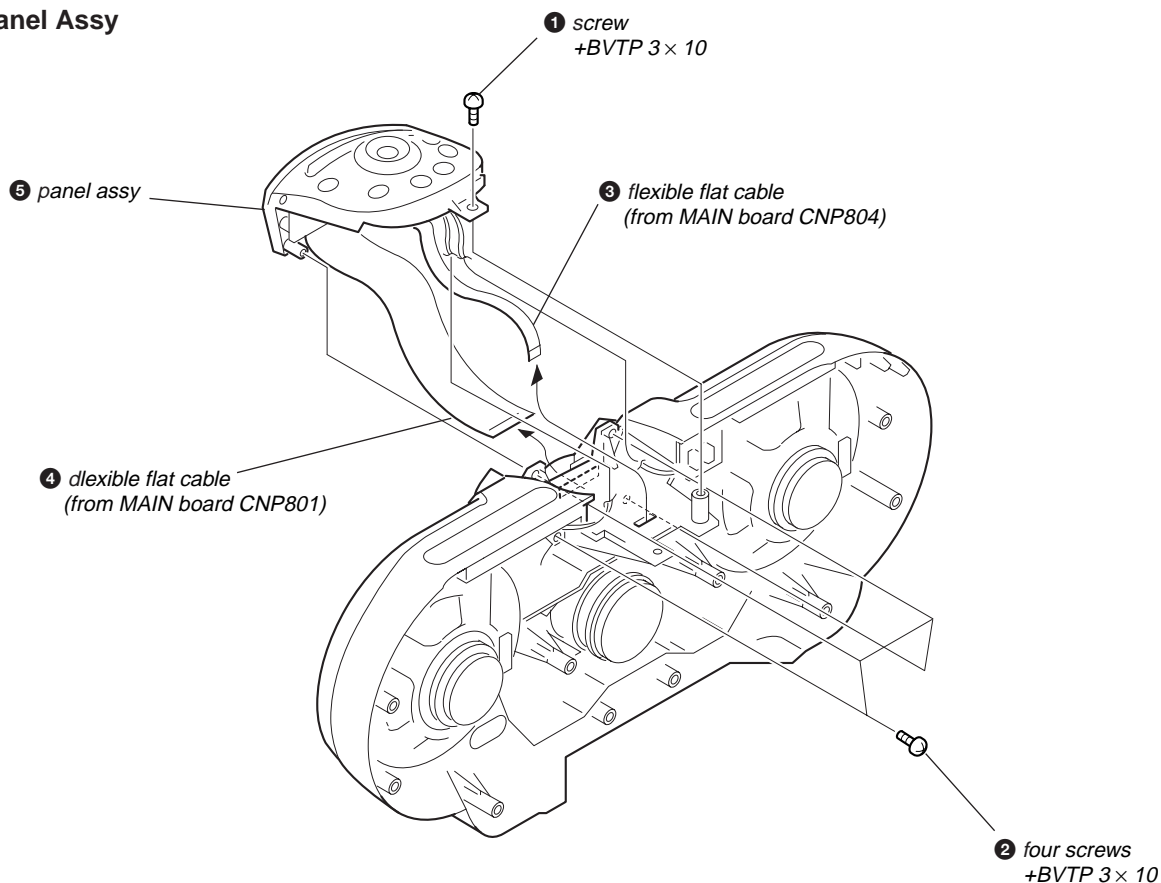
3-2. Cabinet (Front) Assy- 2



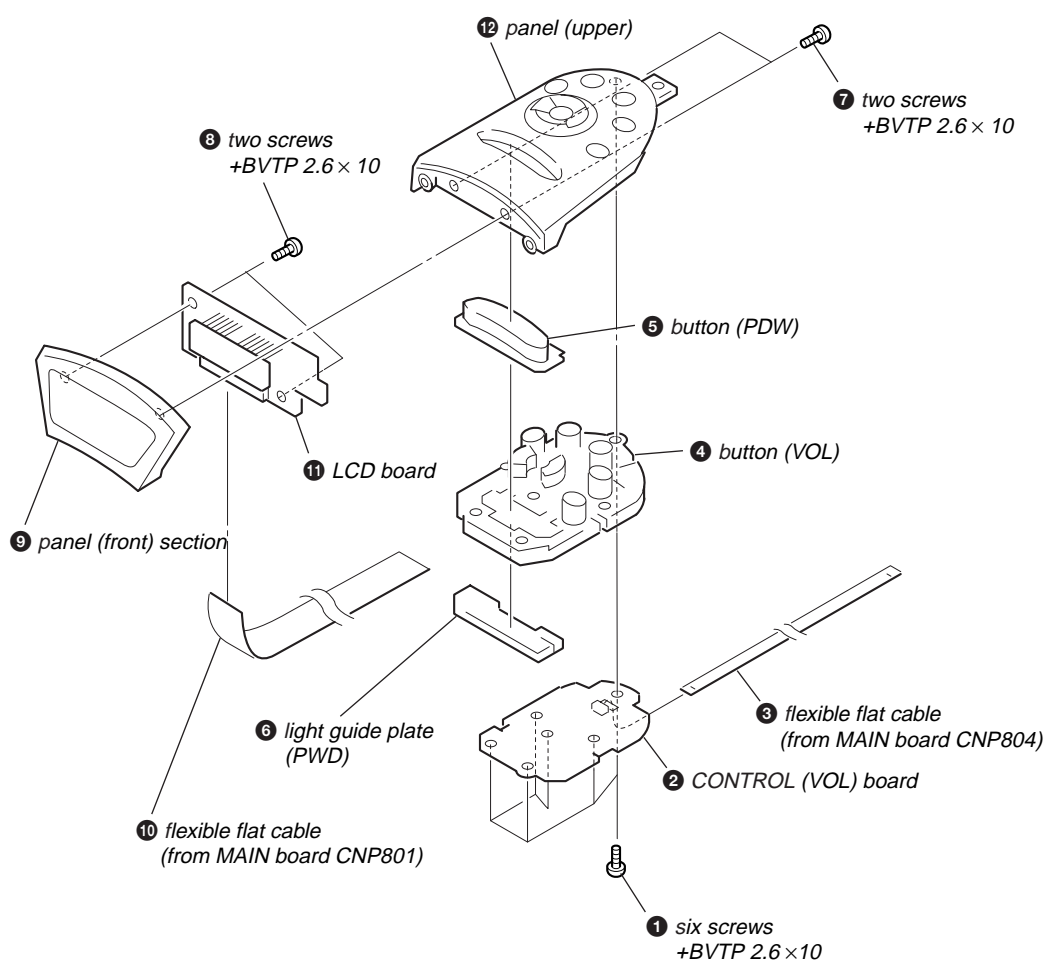
3-3. CONTROL (POWER) , CONTROL (CD) , HEADPHONE Board



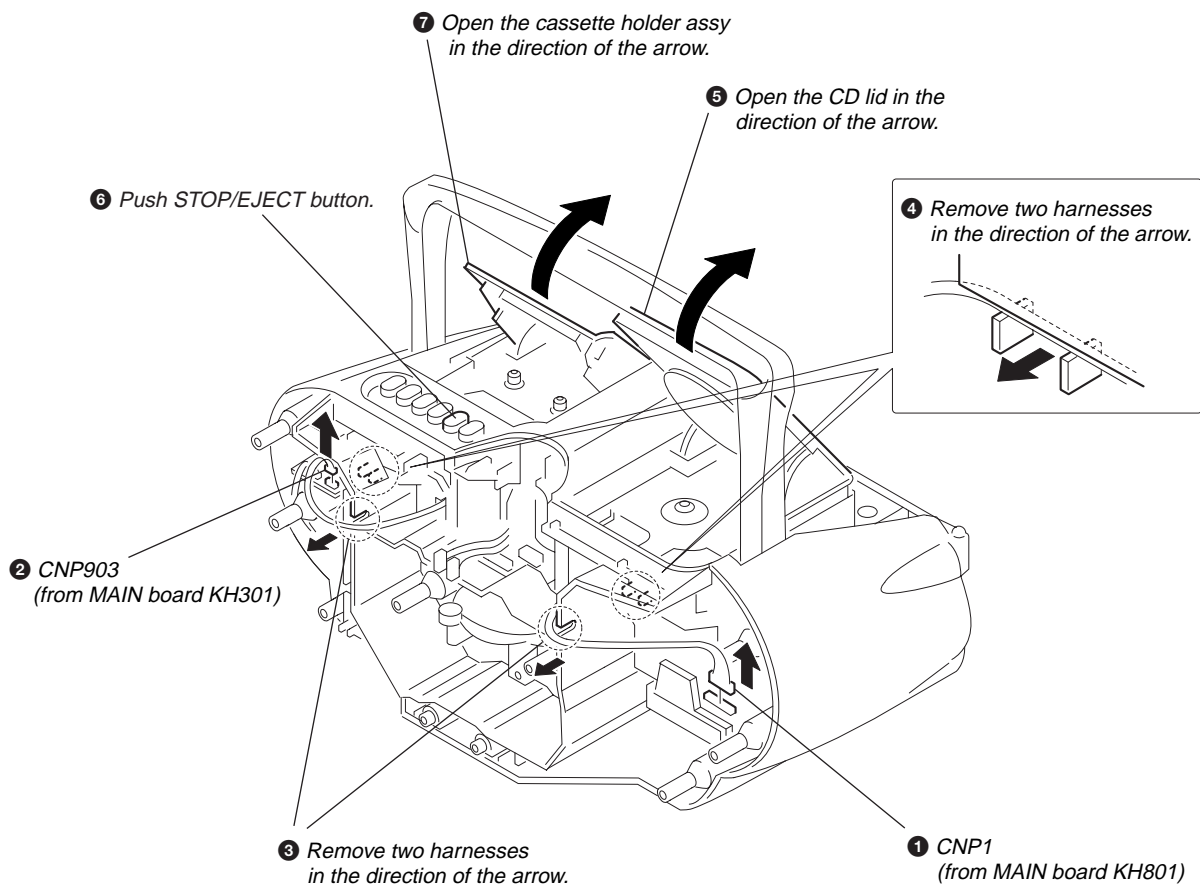
3-4. Panel Assy



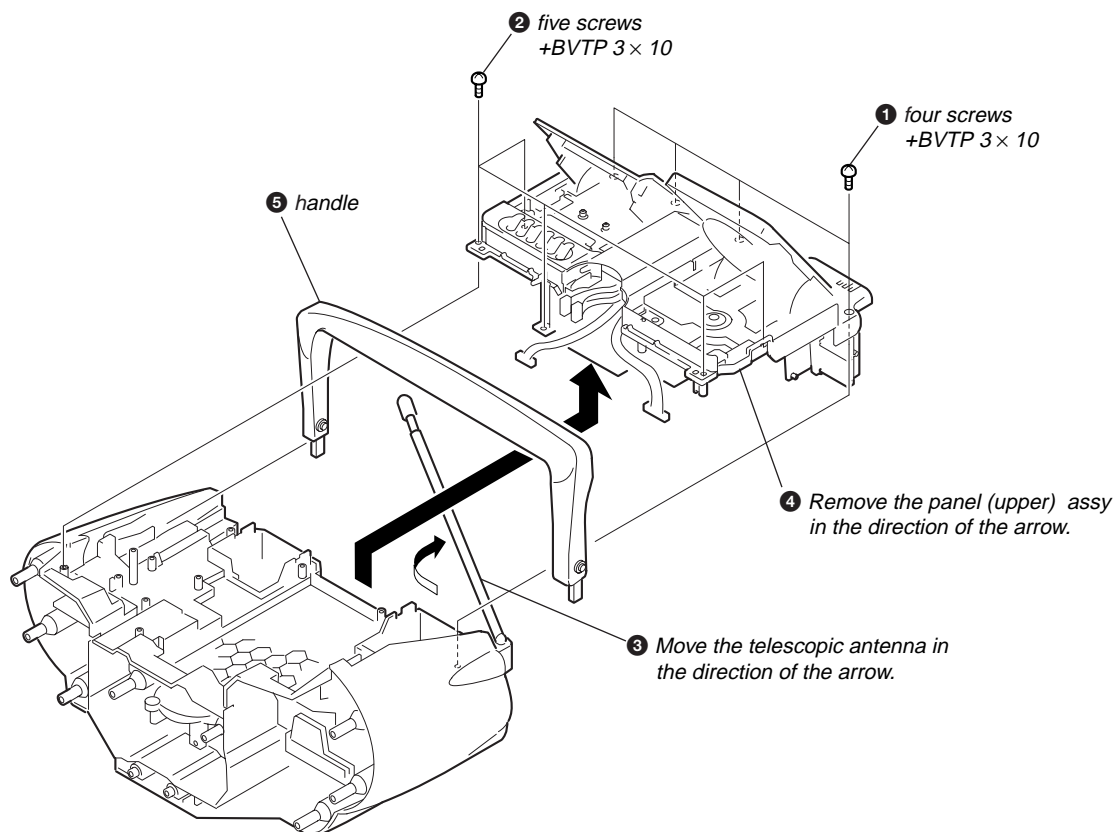
3-5. LCD Board, Panel (Upper)



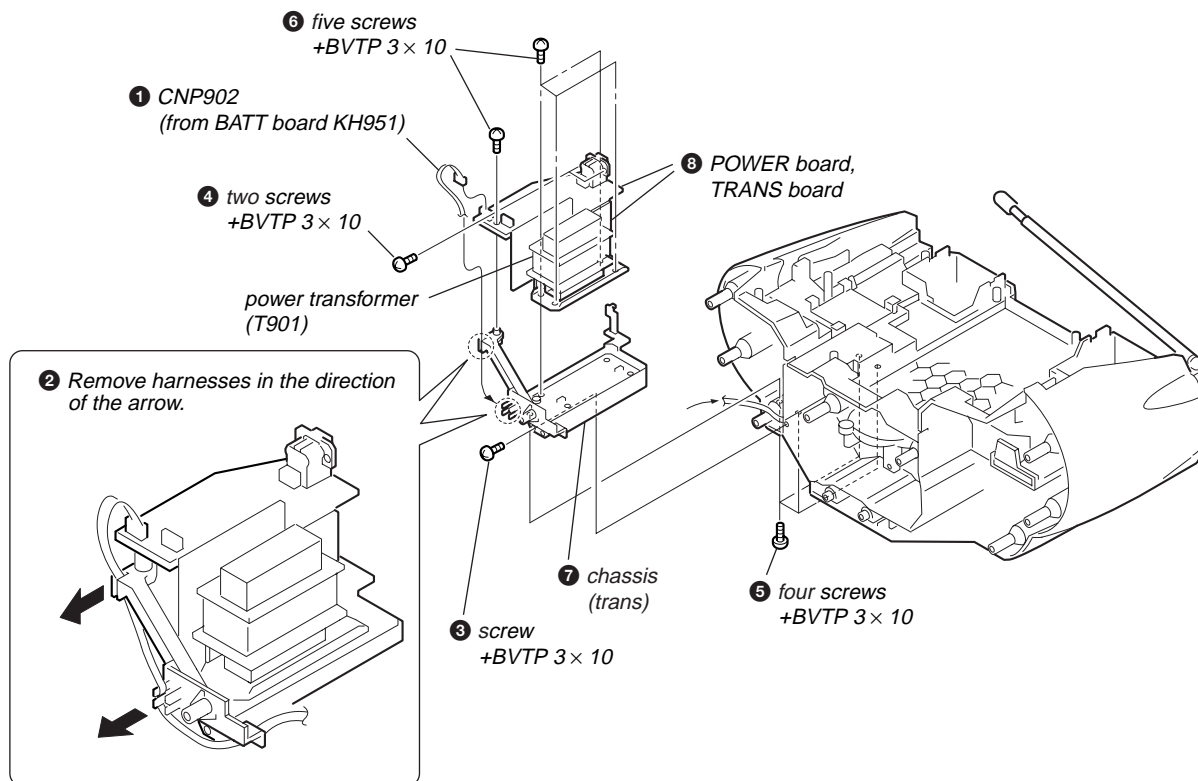
3-6. Panel (Upper) Assy- 1



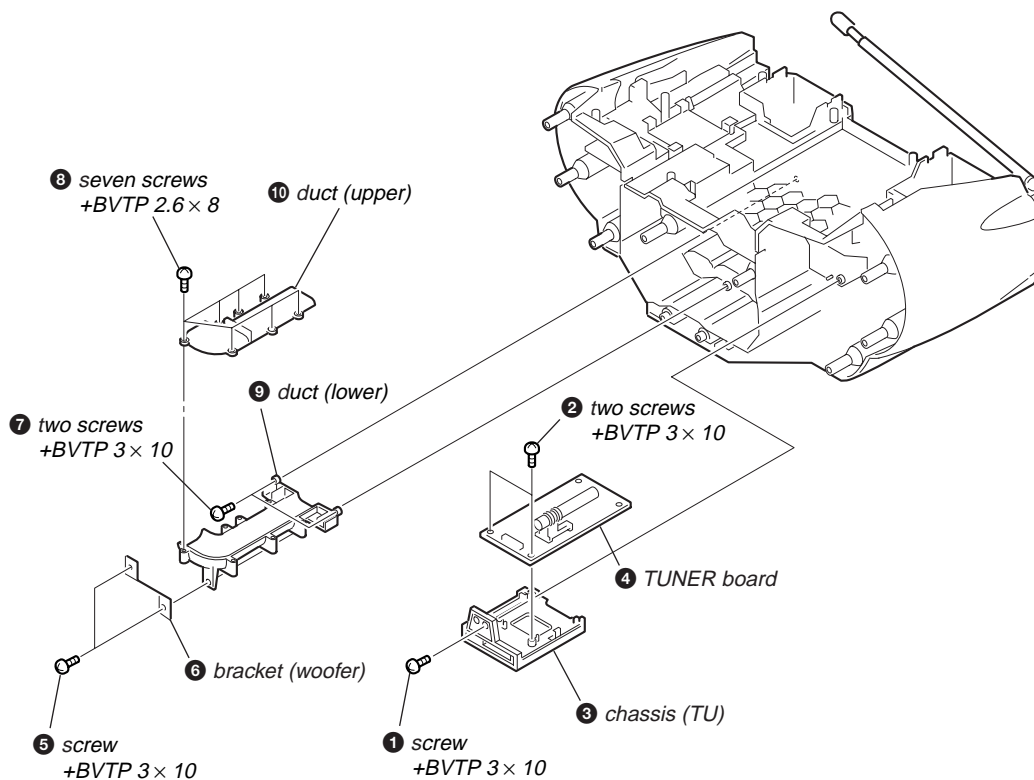
3-7. Panel (Upper) Assy- 2



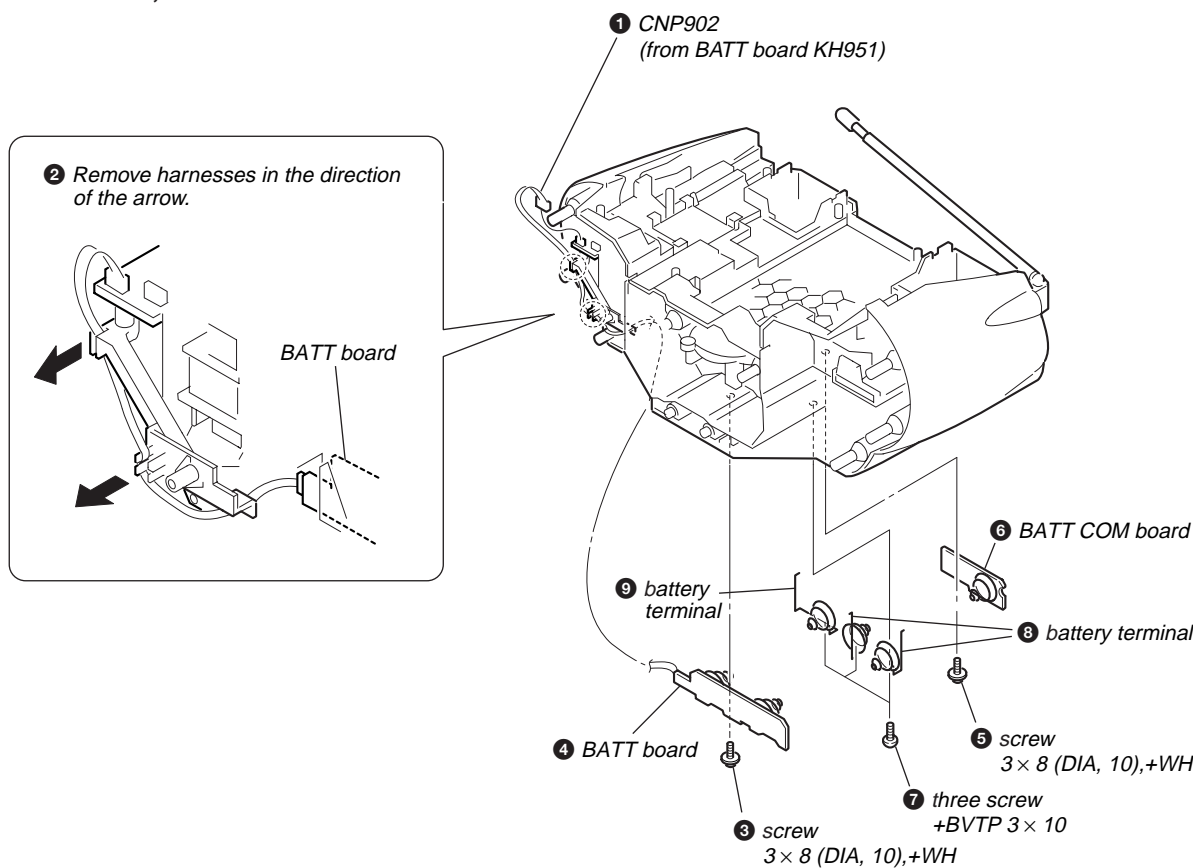
3-8. POWER, TRANS Board



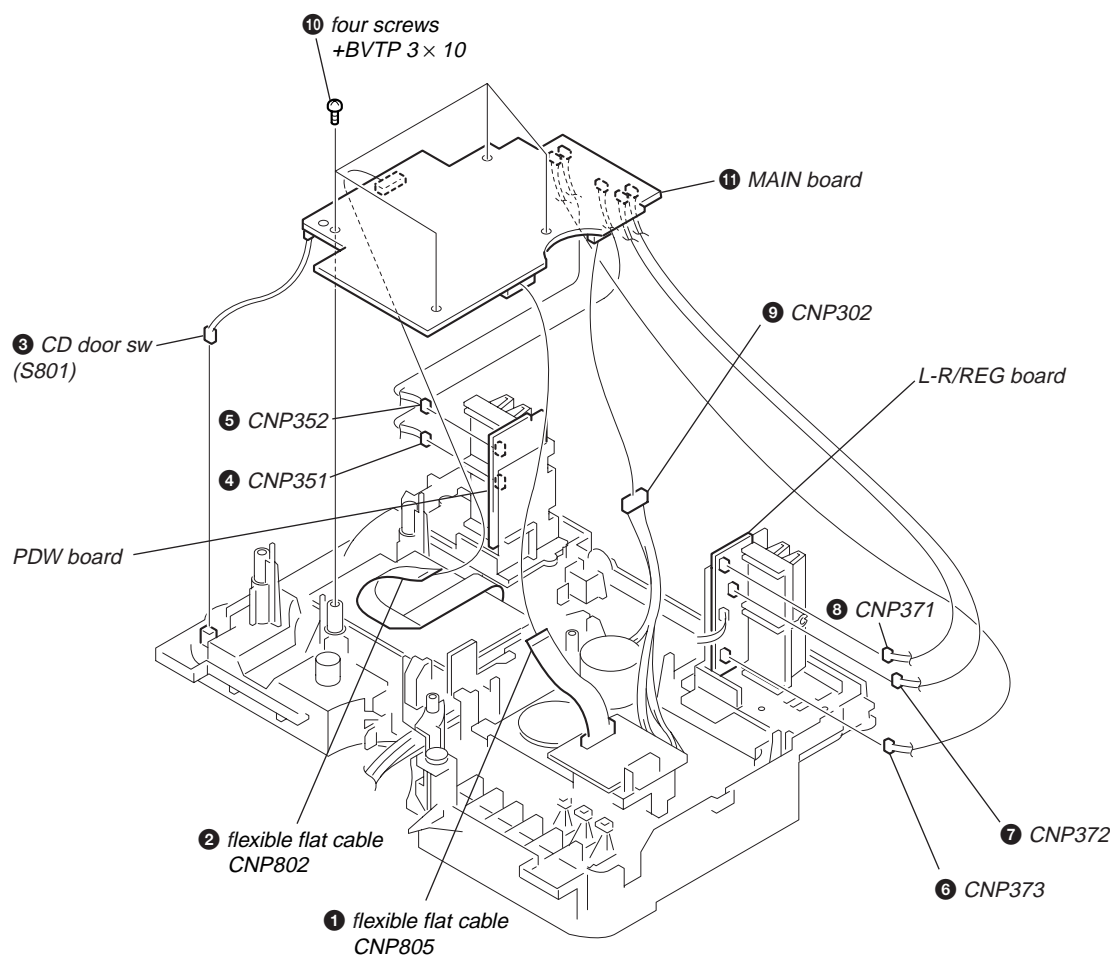
3-9. TUNER Board, Duct (Upper, Lower)



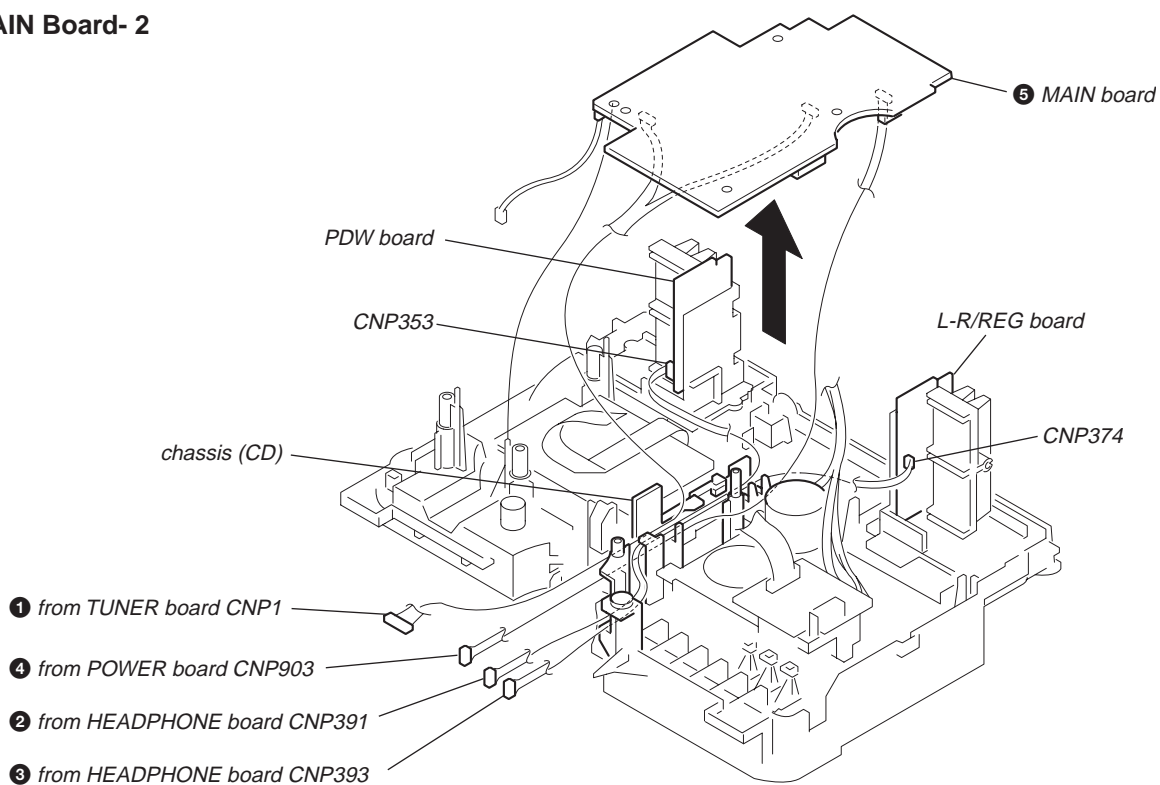
3-10. BATT COM, BATT Board



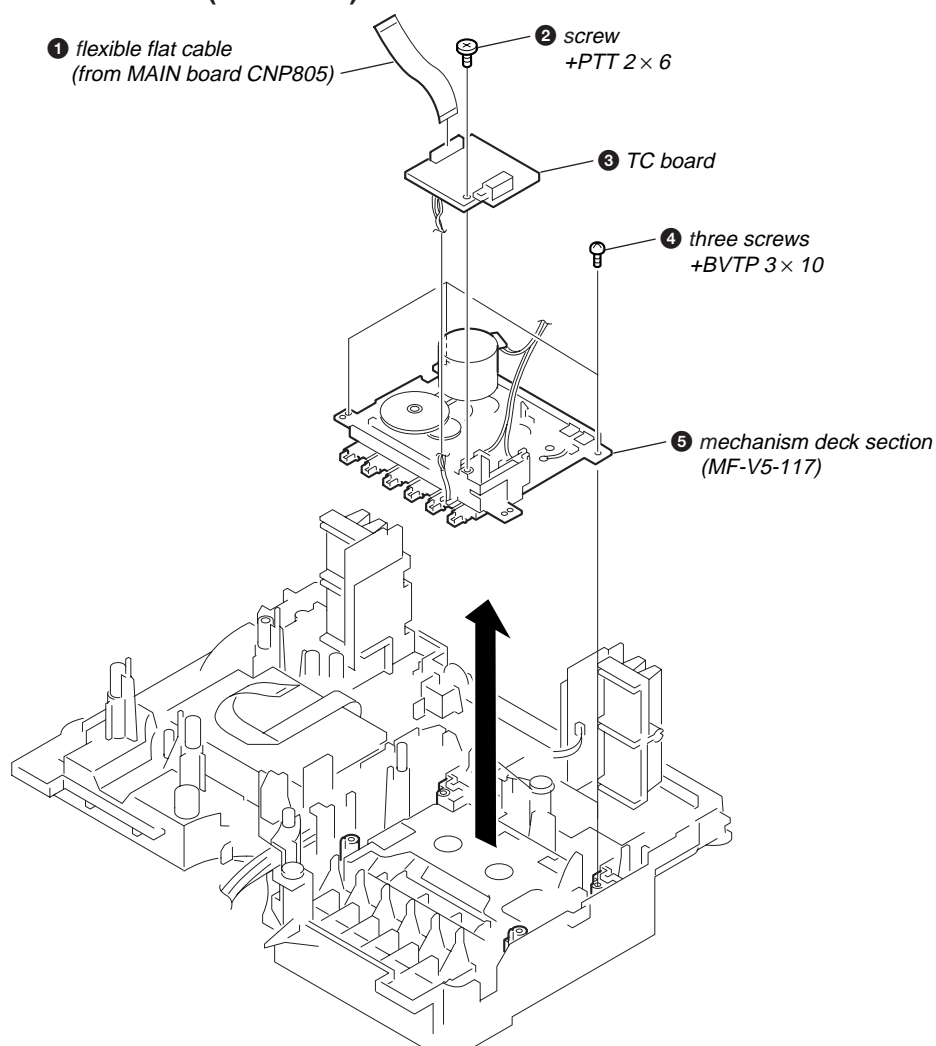
3-11. MAIN Board- 1



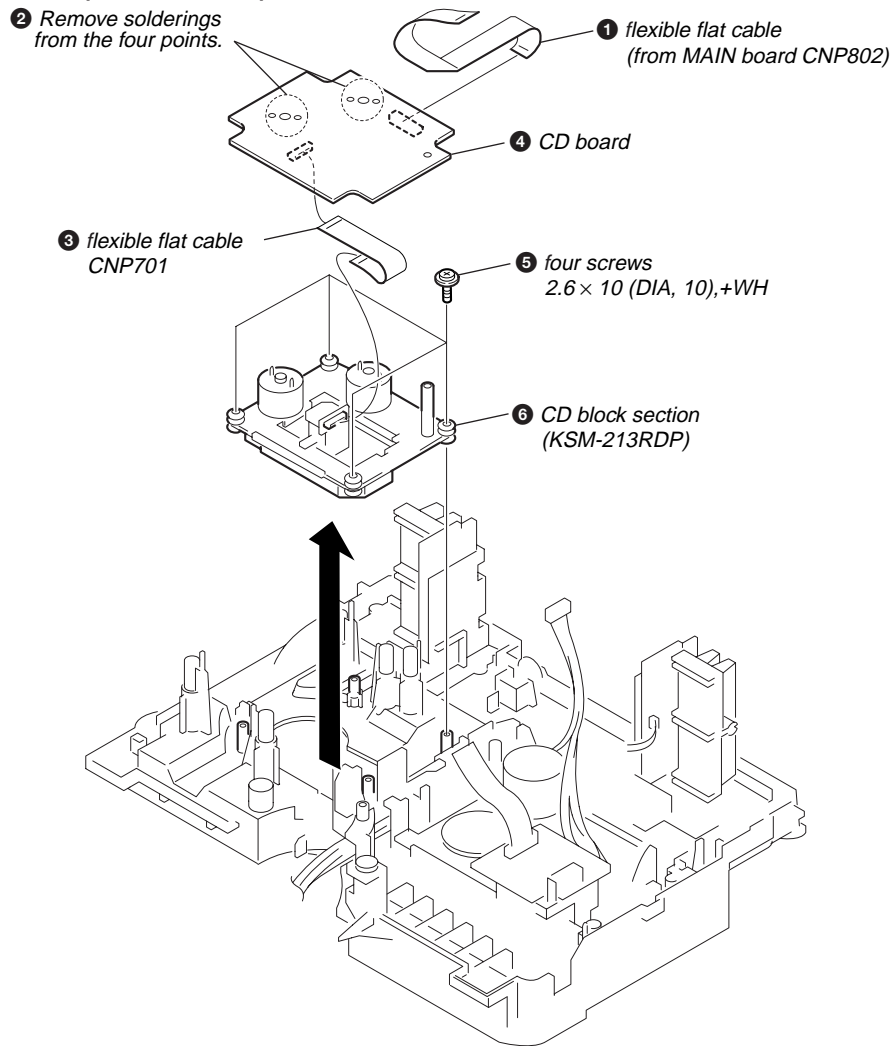
3-12. MAIN Board- 2



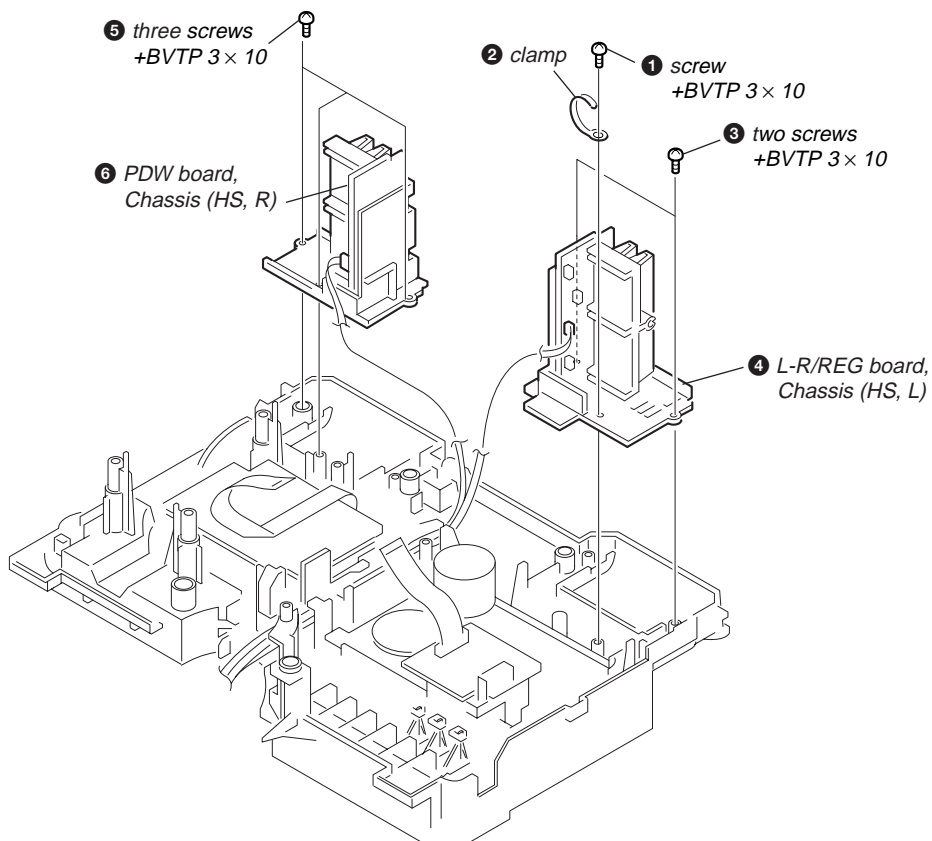
3-13. Mechanism Deck Section (MF-V5-117)



3-14. CD Block Section (KSM-213RDP)



3-15. PDW, L-R/REG Board



SECTION 4

ADJUSTMENTS

4-1. Mechanical Adjustments

PRECAUTION

- Clean the following parts with a denatured-alcohol-moistened swab :

record/playback head	pinch roller
erase head	rubber belts
capstan	
- Demagnetize the record/playback head with a head demagnetizer. (Do not bring the head demagnetizer close to the erase head.)
- Do not use a magnetized screwdriver for the adjustments.
- The adjustments should be performed with the rated power supply voltage (9V) unless otherwise noted.

Torque Measurement

Torque	Torque Meter	Meter Reading
Forward	CQ-102C	1.77 – 5.88 mN•m (18 – 60 g•cm) (0.25 – 0.83 oz•inch)
Forward Back Tension	CQ-102C	0.1 – 0.49 mN•m (1.0 – 5.0 g•cm) (0.014 – 0.069 oz•inch)
Fast Forward	CQ-201B	4.42 – 9.31 mN•m (45 – 95 g•cm) (0.62 – 1.32 oz•inch)
Rewind	CQ-201B	4.42 – 9.31 mN•m (45 – 95 g•cm) (0.62 – 1.32 oz•inch)

Tape Tension Measurement

Torque Meter	Meter Reading
CQ-403A	more than 60g (more than 2.12 oz)

4-2. Electrical Adjustments

TAPE SECTION

0dB = 0.775V

Standard Output Level

Output terminal	HP OUT
load impedance	32 Ω
output signal level	0.25V (–10dB)

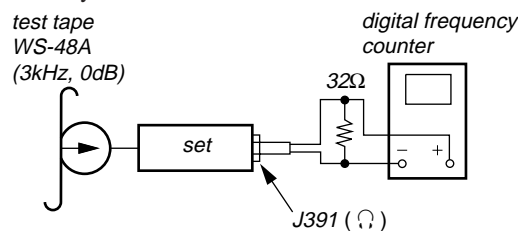
Test Tape

Type	Signal	Used for
WS-48A	3kHz, 0dB	Tape Speed Adjustment

Tape Speed Adjustment

Procedure :

Mode : Playback



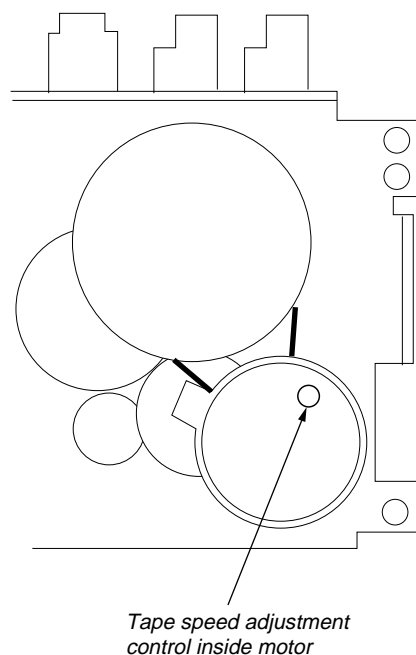
Adjustment so than the value on the digital frequency counter is 3,000 Hz.

Adjustment Value : 3,000Hz

Standard Value : 2,940 - 3,060Hz

Frequency difference between the beginning and the end of the tape should be within 1.5% (45Hz).

Adjustment Location : Mechanism deck

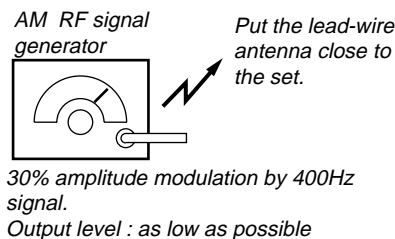


TUNER SECTION

0dB = 1 μ V

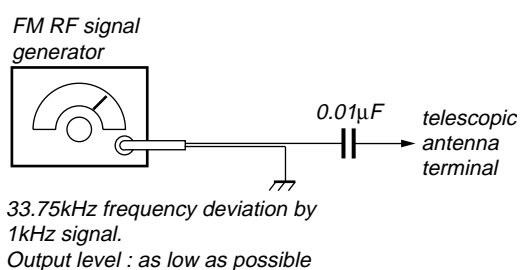
AM Section

Function switch : AM

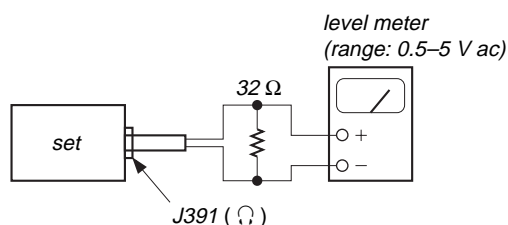


FM Section

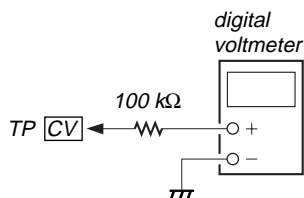
Function switch : FM



• Connecting Level Meter (FM and AM)



• Connecting Digital Voltmeter (FM and AM)



- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

AM IF ADJUSTMENT

Adjust for a maximum reading on level meter.

T1	450 kHz
----	---------

no mark : EXCEPT AUS, AR, SP

() : AUS, SP
< > : AR

AM FREQUENCY COVERAGE ADJUSTMENT

Frequency Display	530 kHz (531 kHz) <530 kHz>	1,710 kHz (1,611 kHz) <1,610 kHz>
Reading on Digital voltmeter	1.0 \pm 0.1 V	5.3 \pm 0.8V (4.8 \pm 0.8V) <4.8 \pm 0.8V>
Adjustment Part	L 4	<confirmation>

no mark : EXCEPT AR

< > : AR

AM TRACKING ADJUSTMENT

Adjust for a maximum reading on level meter.

L3	CT3
620 kHz <621kHz>	1,400 kHz <1,404 kHz>

FM IF ADJUSTMENT

Adjust for a maximum reading on level meter.

T2	10.7 MHz
----	----------

FM FREQUENCY COVERAGE ADJUSTMENT

Frequency Display	87.5 MHz	108 MHz
Reading on Digital voltmeter	1.3 \pm 0.4 V	3.0 \pm 0.3 V
Adjustment Part	<confirmation>	L2

FM TRACKING ADJUSTMENT

Adjust for a maximum reading on level meter.

L1	CT1
87.5 MHz	108 MHz

Abbreviation

AR : Argentina model.
AUS : Australian model.
SP : Singapore model.

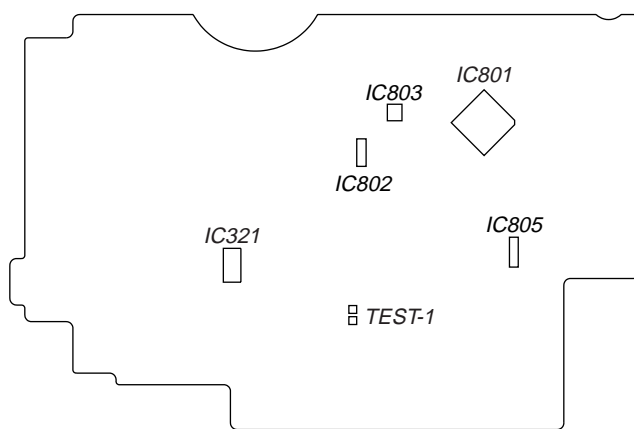
Adjustment Location : TUNER board (See page 16)

CD SECTION**CD Test Mode****• How to put the set into CD test mode**

1. Press the **POWER** button to turn the power on.
2. Insert the test disc (YEDS-18). (Part No. : 3-702-101-01) (Function is set to CD.)
3. Set the CD test mode by momentary shorting both sides of TEST- 1 on MAIN board.
4. Press the **■** button two times. The set is set to the CD test mode.
(The message **BD** is displayed.)

• How to release the CD test mode

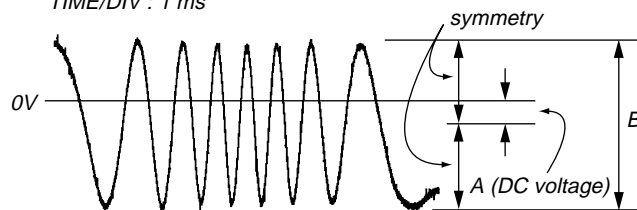
Turn the power off.

[MAIN BOARD] (Conductor side)**Traverse Waveform Check**

1. Connect an oscilloscope between TP **TE** and TP **VREF** on CD board.
2. Set the CD test mode.
3. Press the **▶||** button to play the test disc (YEDS-18).
4. Confirm that the center of the traverse waveform will be at 0V.
5. Confirm that the peak-to-peak voltage value of the traverse waveform meets the specification.
6. Release the CD test mode.

• Traverse waveform

VOLT/DIV : 200mV
TIME/DIV : 1 ms



$$A = 0 \pm 220 \text{ mV}$$

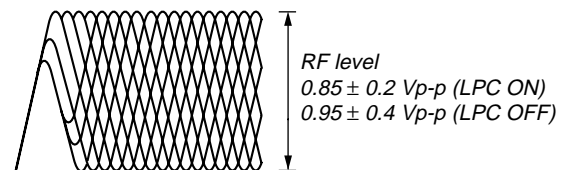
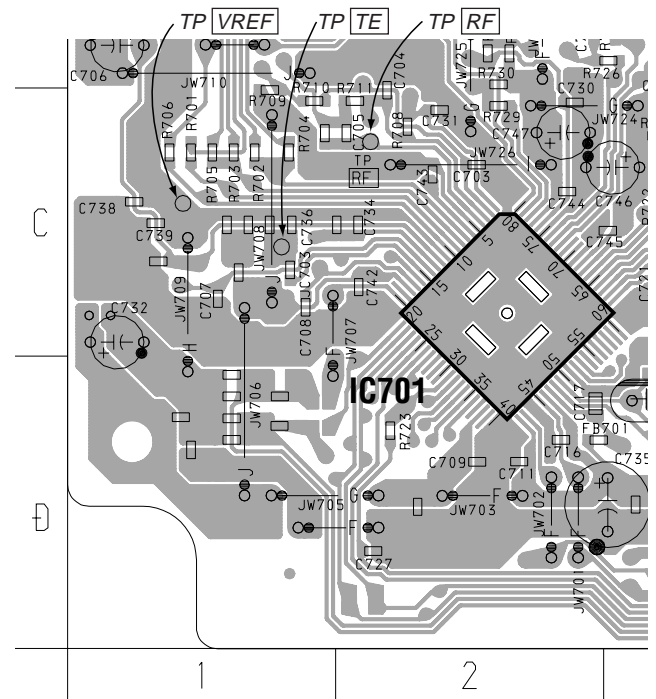
$$B = 0.95 \pm 0.55 \text{ Vp-p}$$

Focus Bias Check

1. Connect an oscilloscope between TP **RF** and TP **VREF** on CD board.
2. Insert the test disc (YEDS-18).
3. Set the CD test mode.
4. Press the **▶||** button three times (LPC ON).
5. Confirm that the oscilloscope waveform is as shown in the figure below. (eye pattern)
A good eye pattern means that the diamond shape (◇) in the center of the waveform can be clearly distinguished.
6. Press the **▶||** button.(LPC OFF)
7. Perform confirmation in step 4 again.

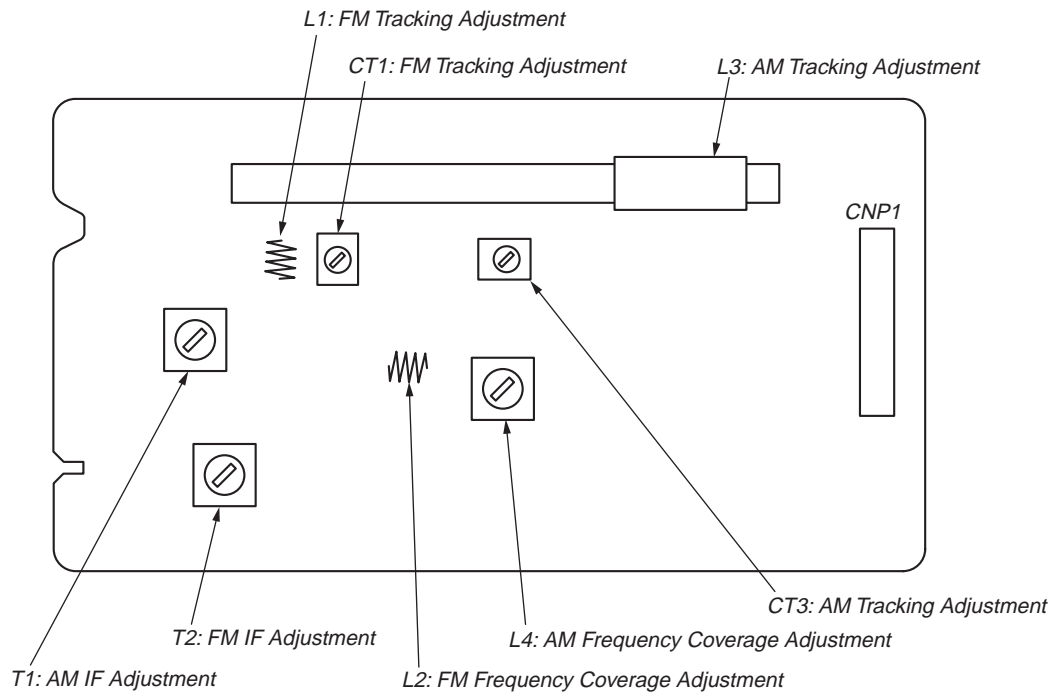
• RF Signal Reference Waveform (eye pattern)

VOLT/DIV : 200mV
TIME/DIV : 500 ns

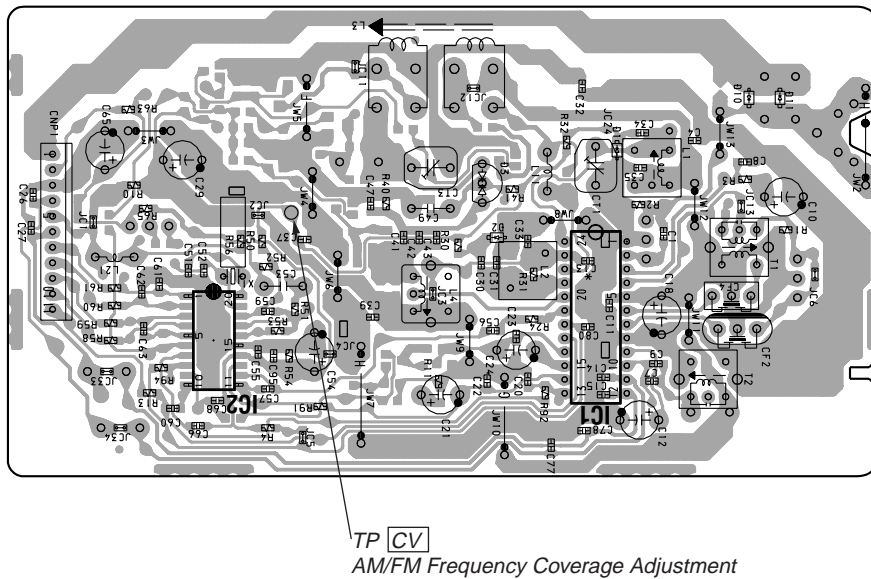
**[CD BOARD] (Conductor side)**

Adjustment Location :

[TUNER BOARD] (Component side)

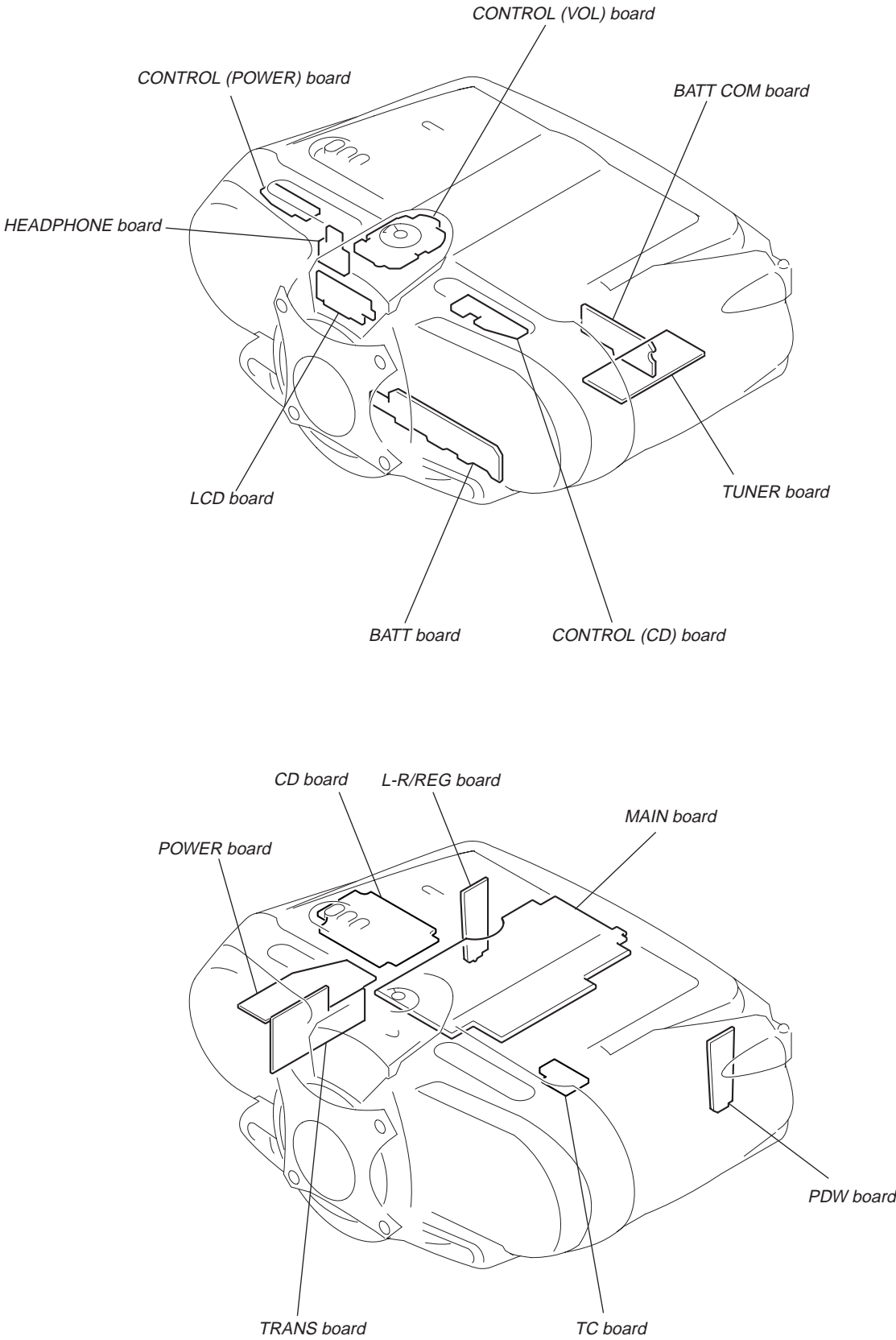


(Conductor side)



SECTION 5
DIAGRAMS

5-1. Circuit Boards Location



Note on Printed Wiring Boards:

- : parts extracted from the component side.
- △ : internal component.
- : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated.)

Note on Schematic Diagram:

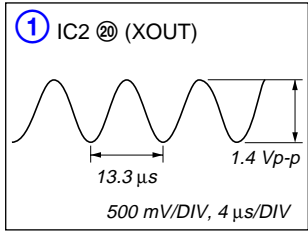
- All capacitors are in μF unless otherwise noted. p: pF. 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4} \text{ W}$ or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : panel designation.

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Note: Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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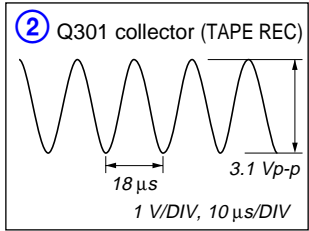
- : B+ Line.
- : adjustment for repair.
- Total current is measured with no cassette installed.
- Power voltage is dc 9 V and fed with regulated dc power supply from battery terminal.
- Voltagess and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltagess are taken with a VOM (Input impedance 10 M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 - : FM
 - : AM
 - : PB
 - : REC
 - : CD
- Abbreviation
 - AR : Argentina model.
 - AUS : Australian model.
 - CND : Canadian model.
 - E92 : Chilean and Peruvian model.
 - MX : Mexican model.
 - SP : Singapore model.

• WAVEFORMS

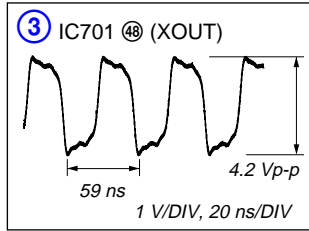
– TUNER Section –



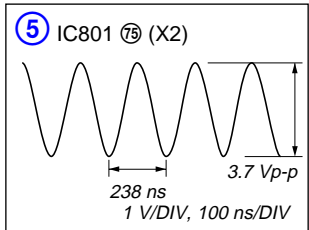
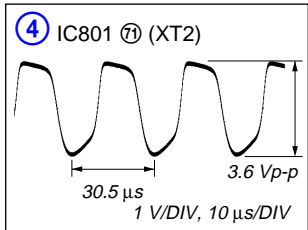
– TC Section –



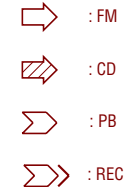
– CD Section –



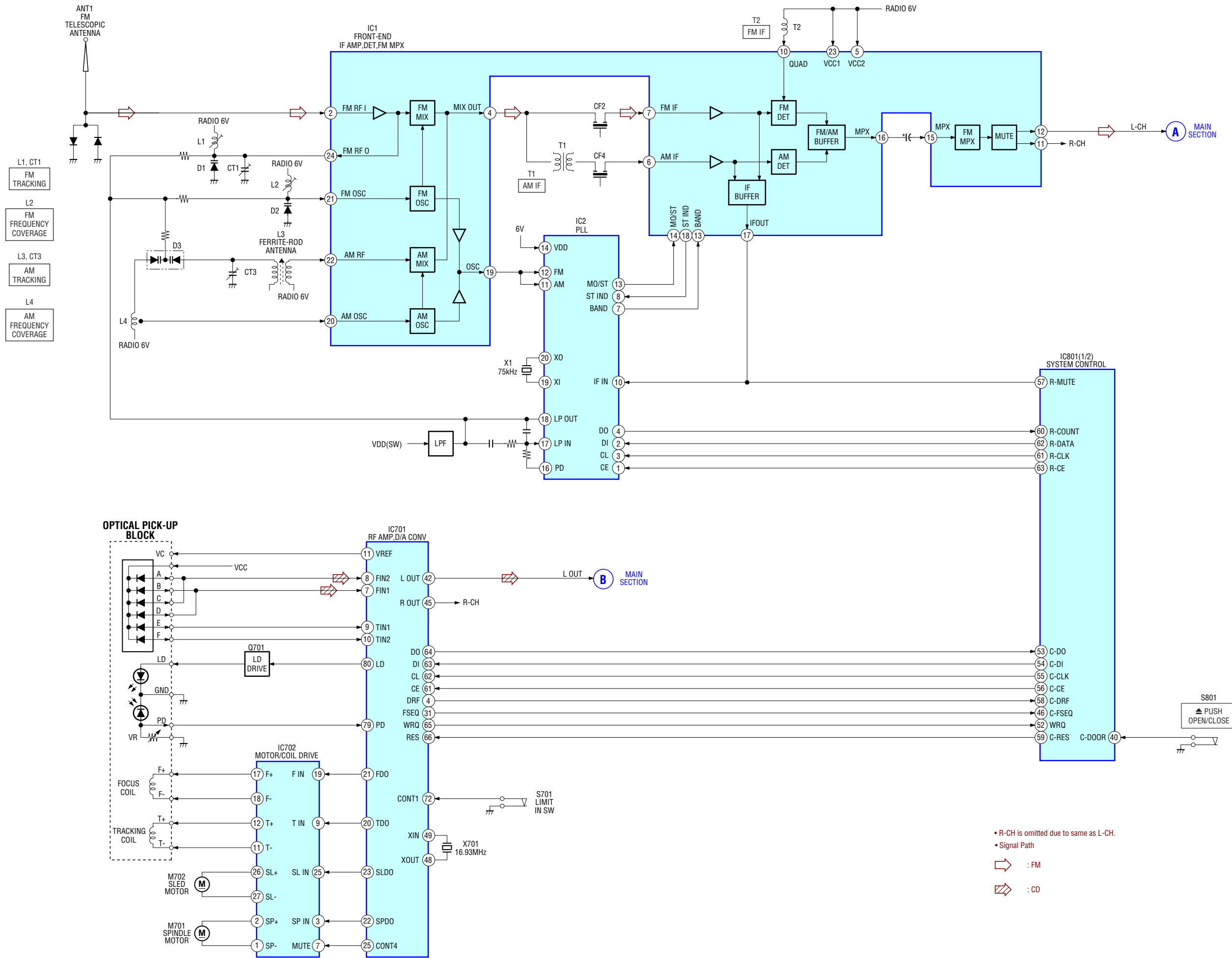
– MAIN Section –



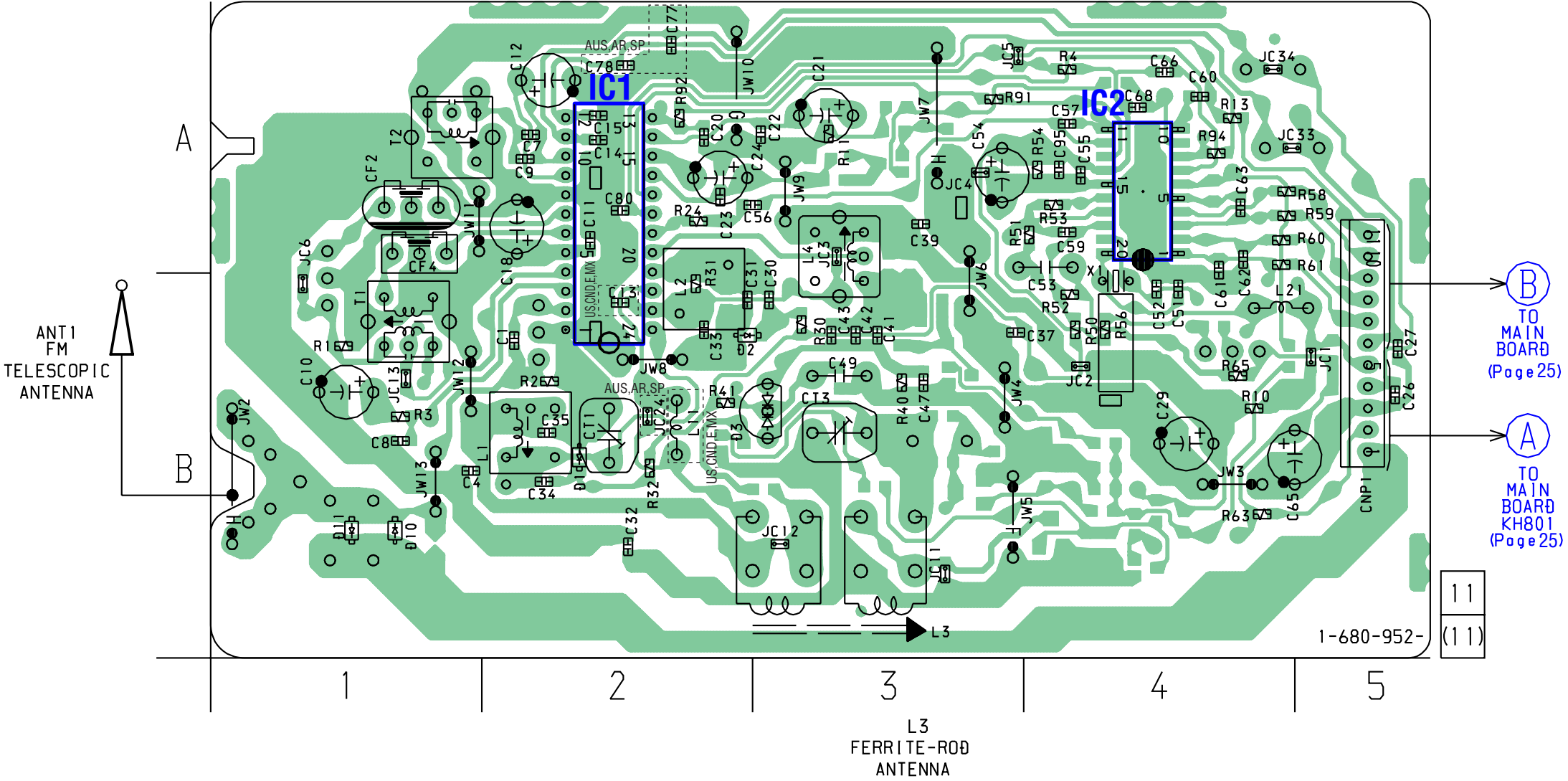
MAIN Section



TUNER/CD Section



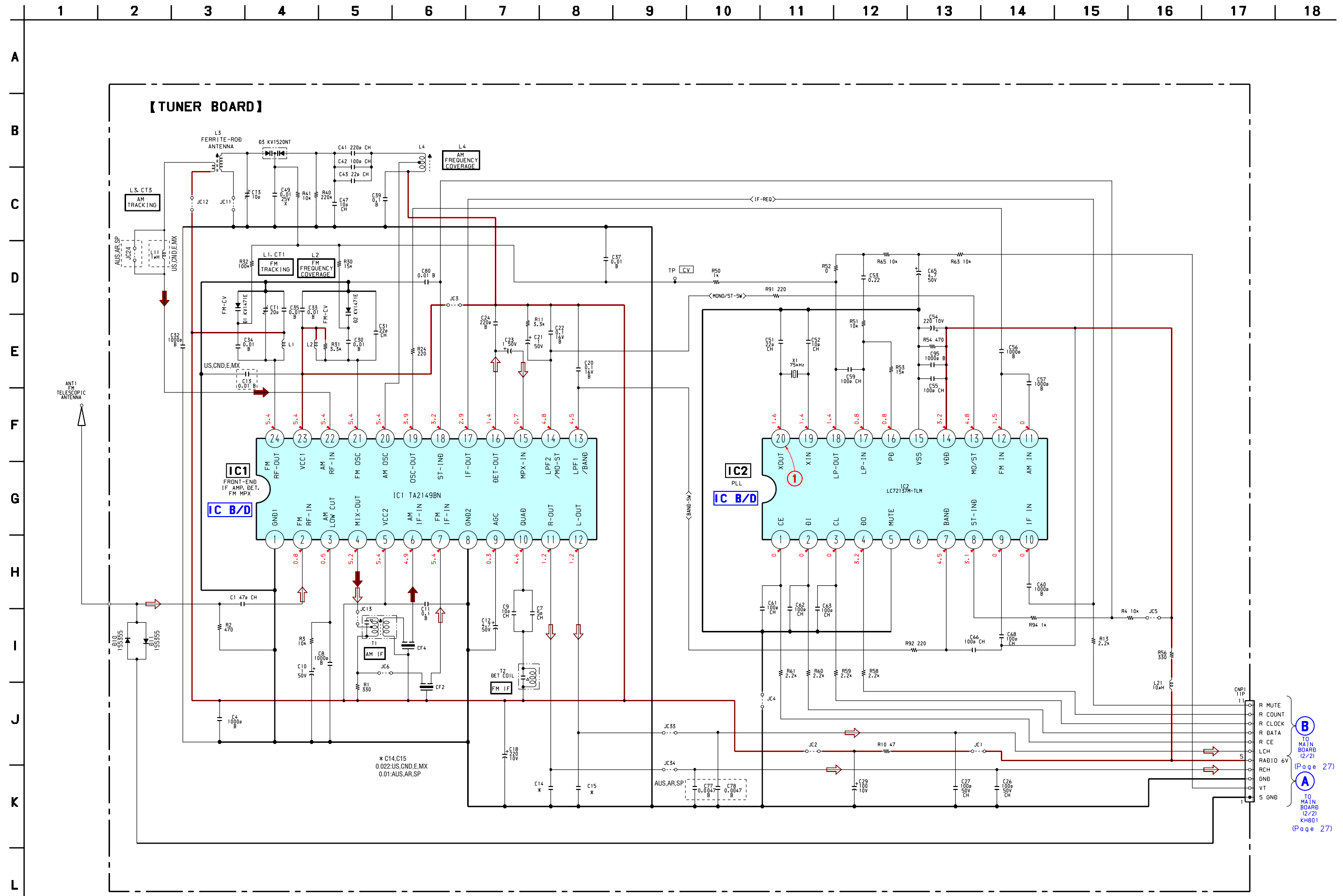
【 TUNER BOARD 】

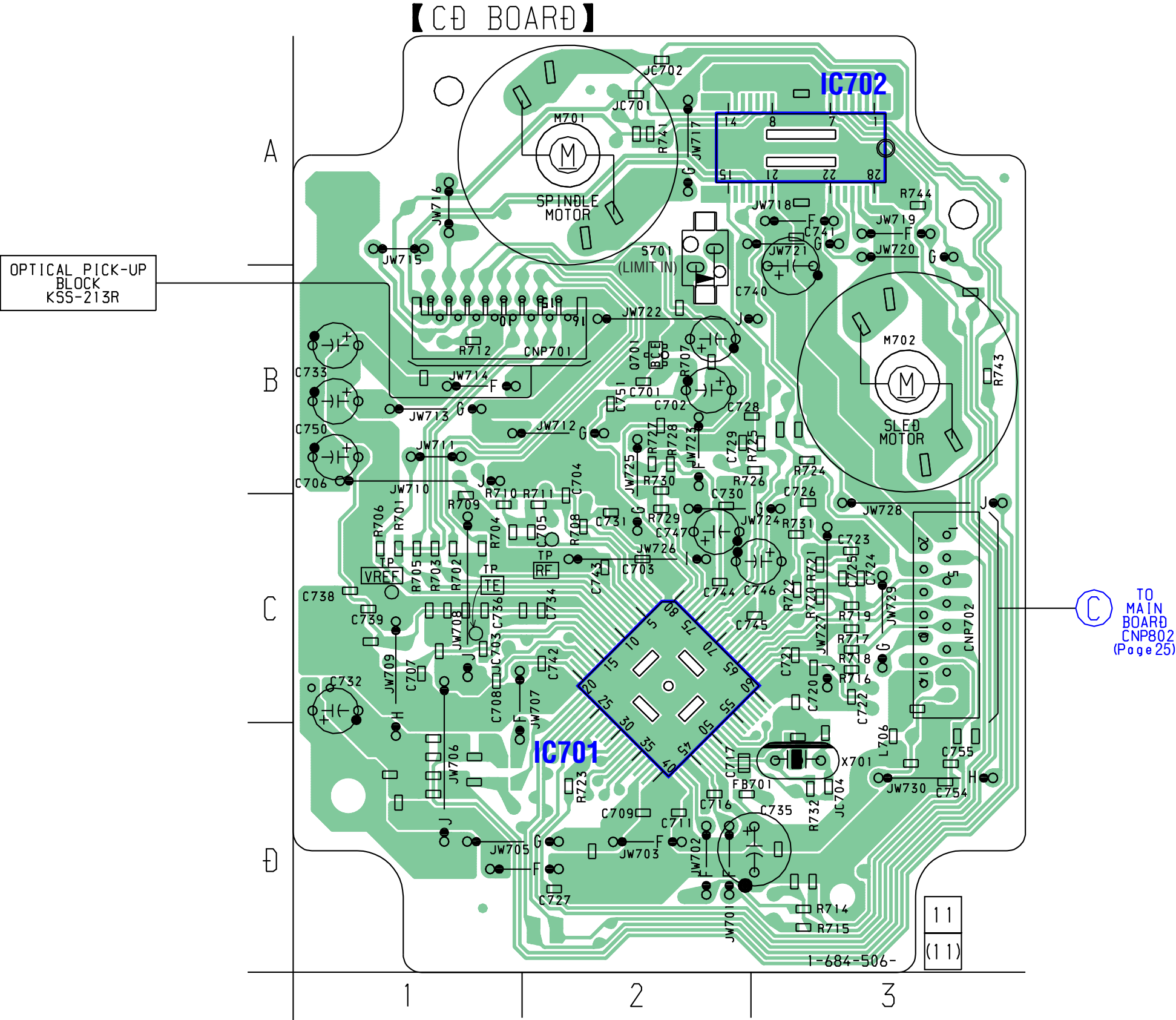


• Semiconductor Location

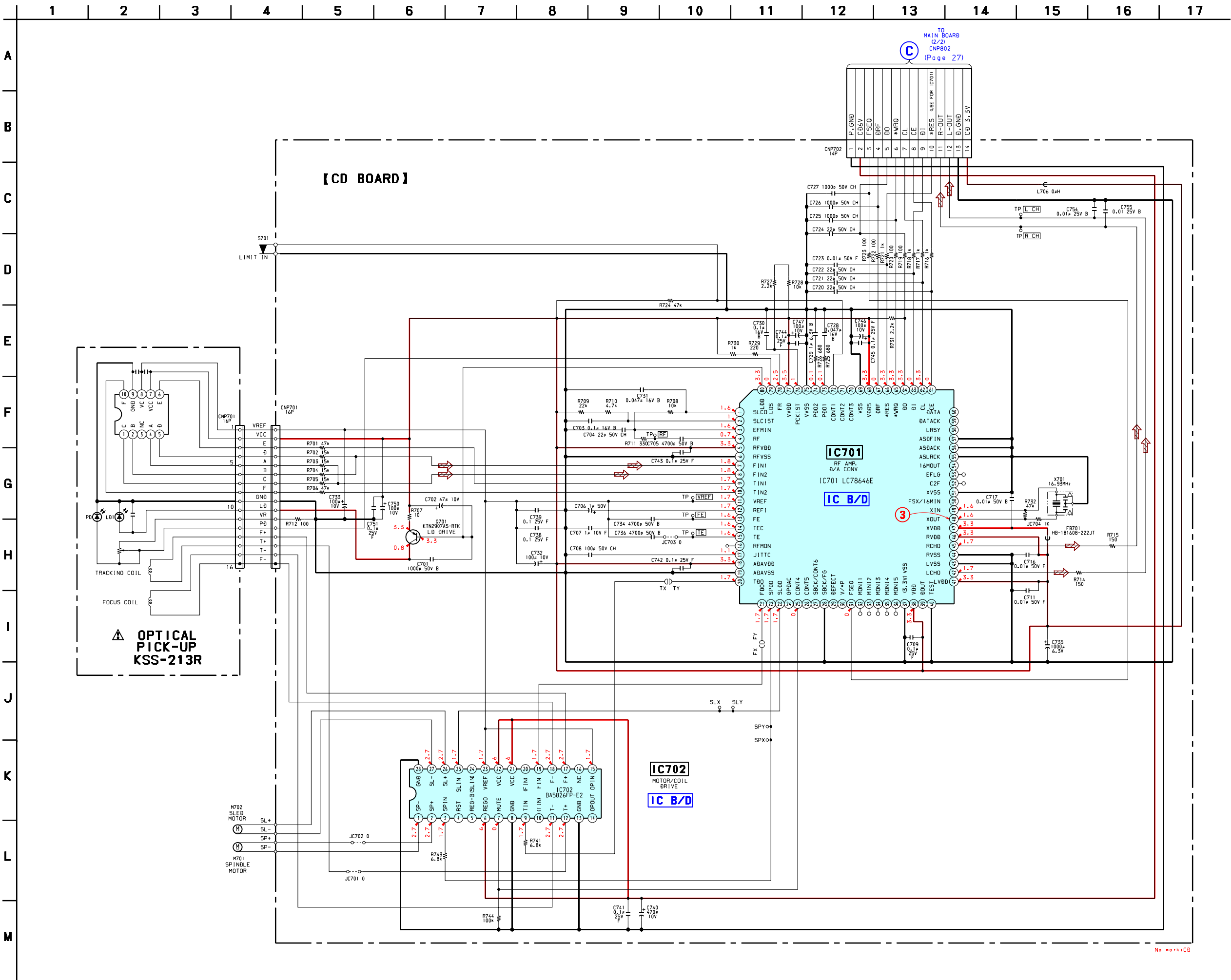
Ref. No.	Location
D1	B-2
D2	B-3
D3	B-3
D10	B-1
D11	B-1
IC1	A-2
IC2	A-4

5-4. Schematic Diagram – TUNER Section – • See page 34 for IC Block Diagrams. • See page 17 for Waveforms.

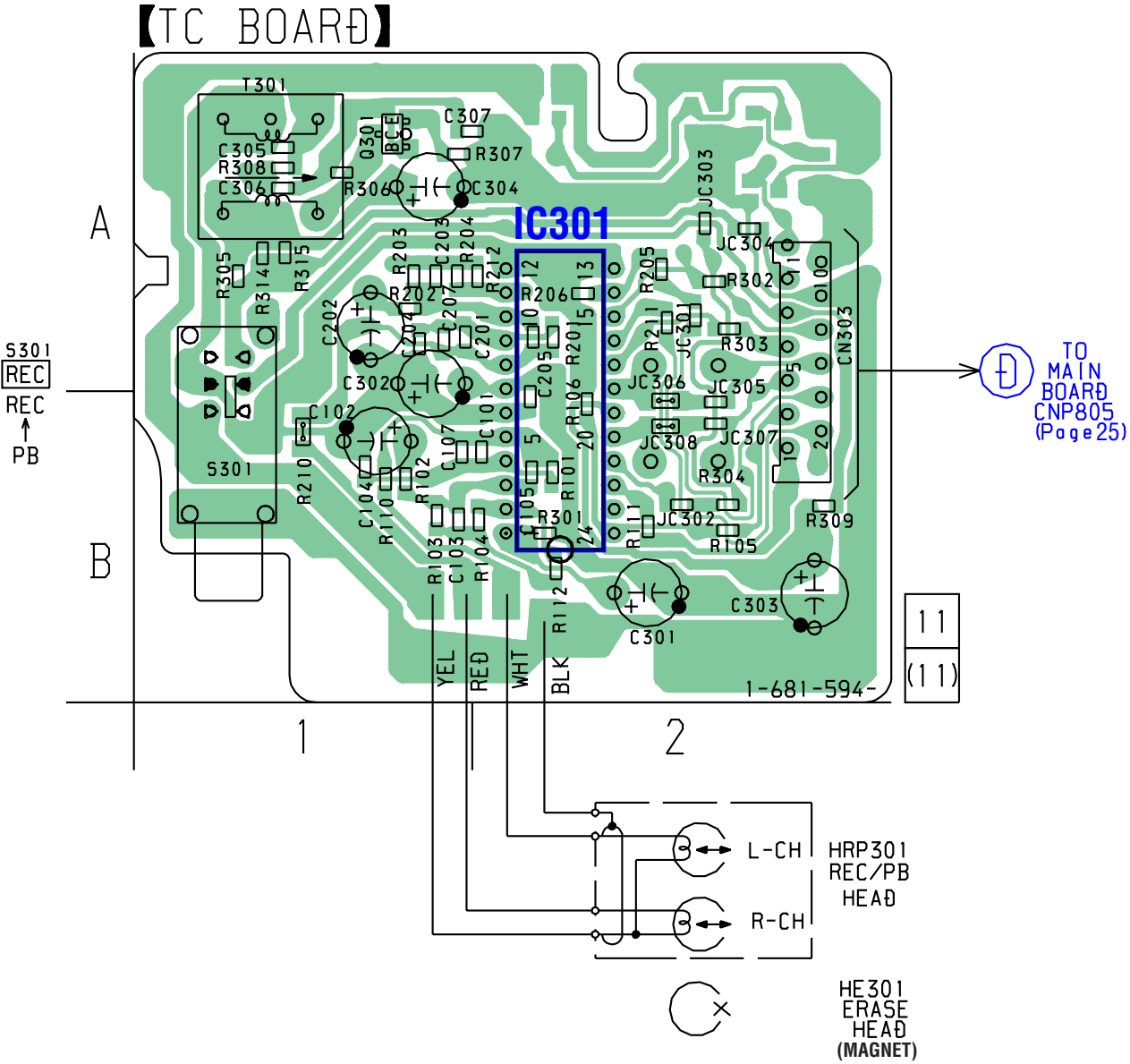




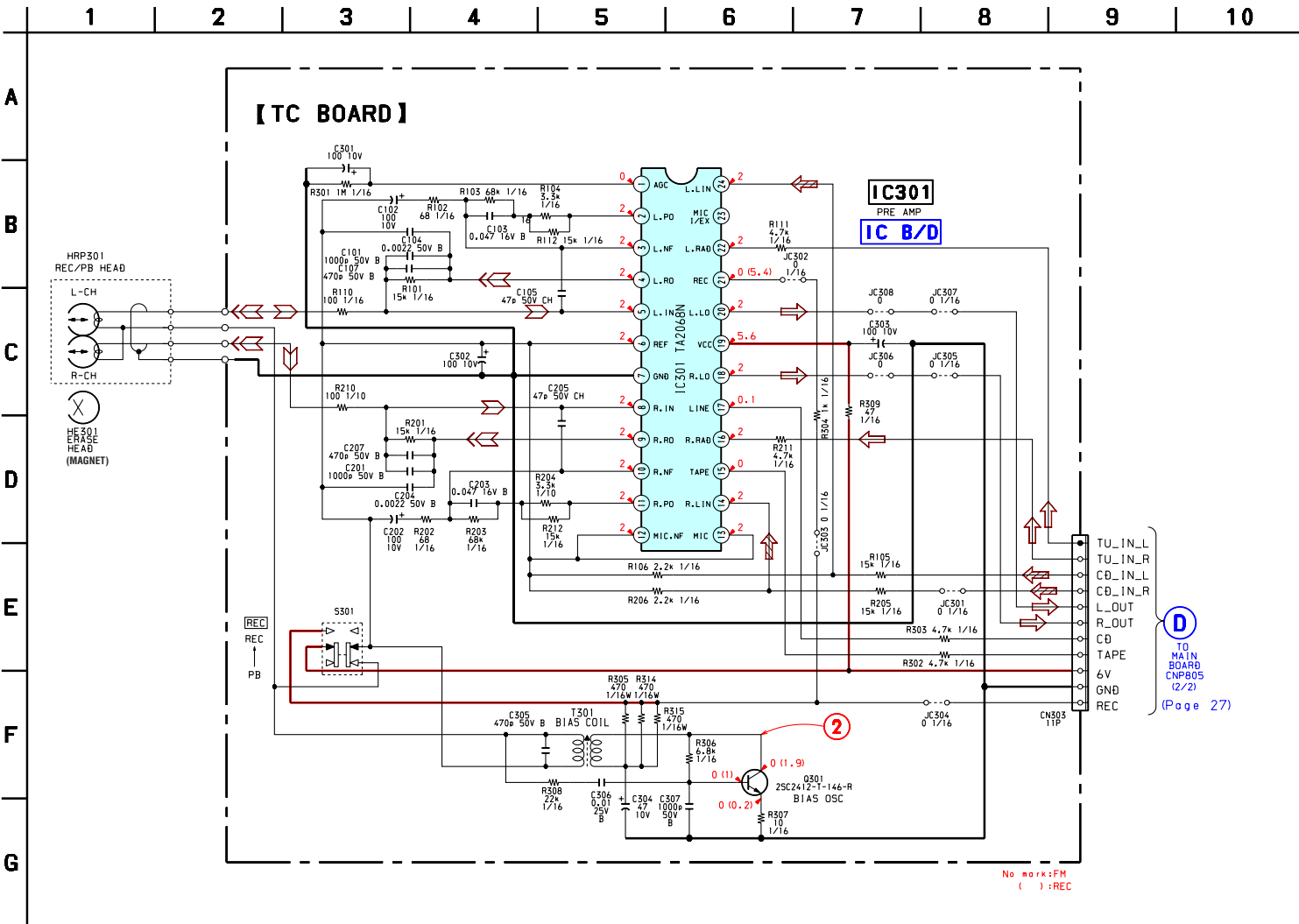
5-6. Schematic Diagram – CD Section – • See page 34,35 for IC Block Diagrams. • See page 17 for Waveforms.



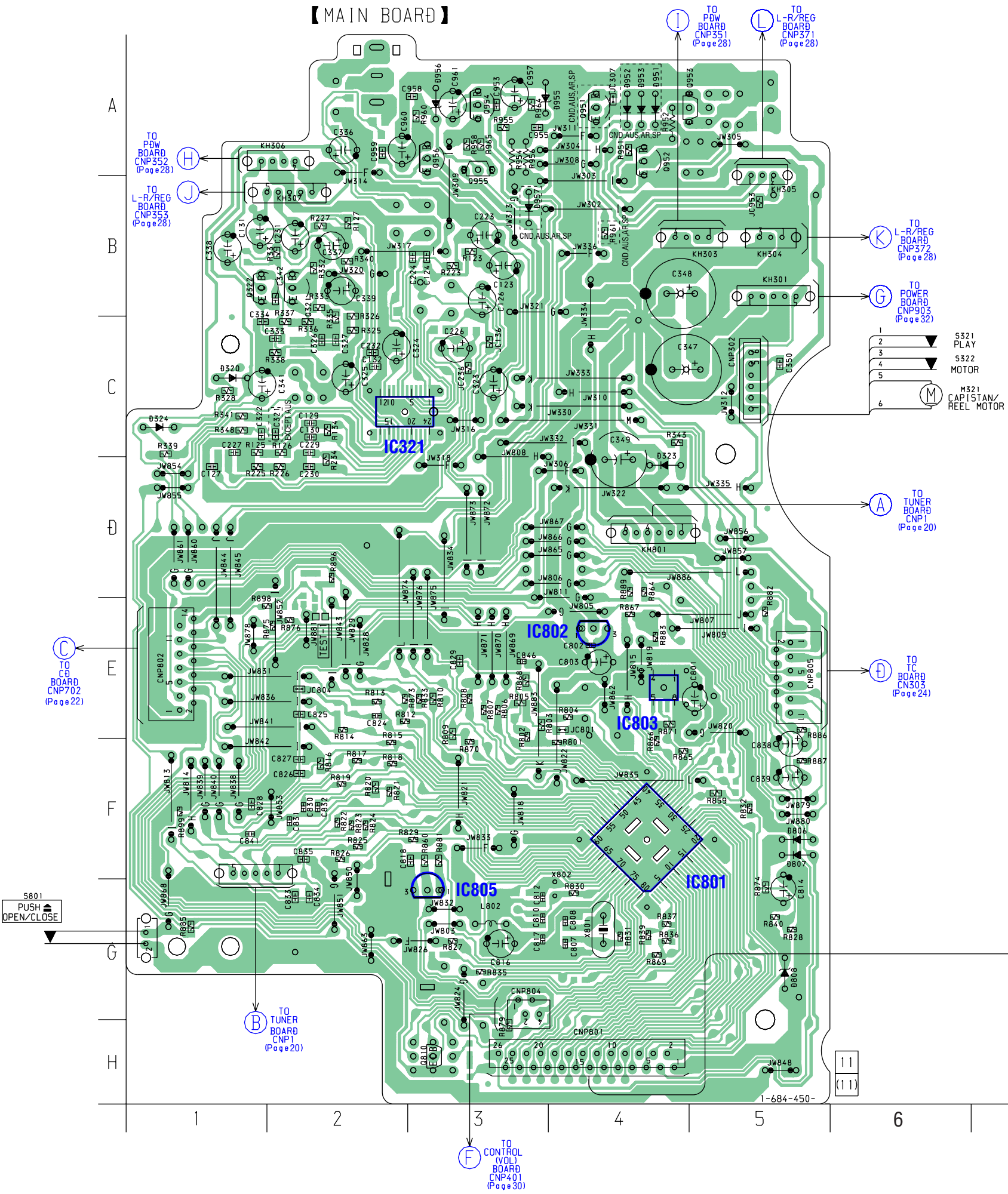
5-7. Printed Wiring Board – TC Section –
• See page 17 for Circuit Boards Location.



5-8. Schematic Diagram – TC Section –
• See page 35 for IC Block Diagrams.
• See page 17 for Waveforms.

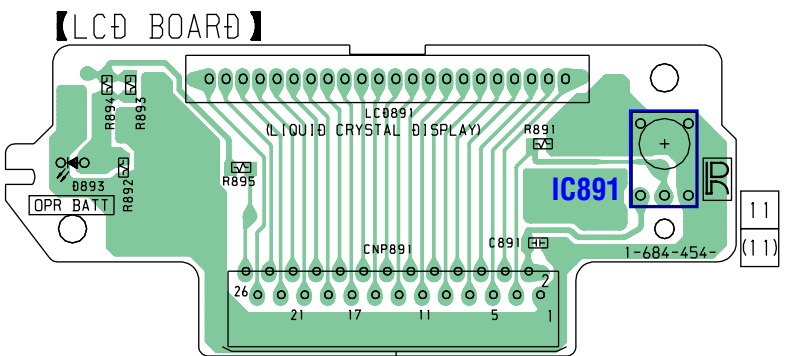


5-9. Printed Wiring Board – MAIN Section – • See page 17 for Circuit Boards Location.



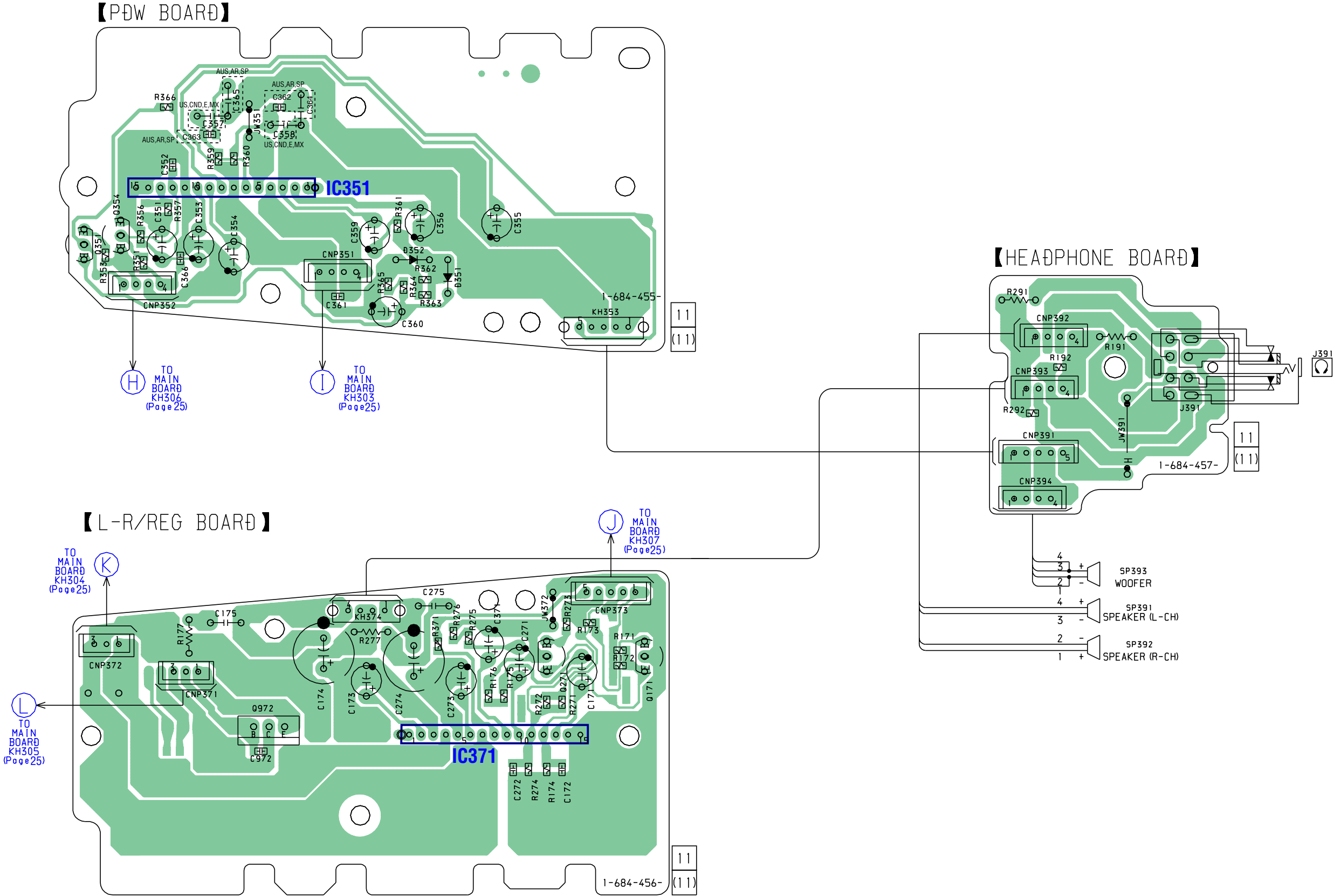
• Semiconductor Location

Ref. No.	Location
D320	C-1
D323	C-4
D324	C-1
D806	F-5
D807	F-5
D808	G-5
D951	A-4
D952	A-4
D953	A-4
D955	A-3
D956	A-3
D957	B-3
IC321	C-3
IC801	F-4
IC802	E-4
IC803	E-4
IC805	G-3
Q321	B-2
Q322	B-1
Q810	H-3
Q951	A-4
Q952	A-4
Q953	A-4
Q954	A-3
Q955	A-3
Q956	A-2



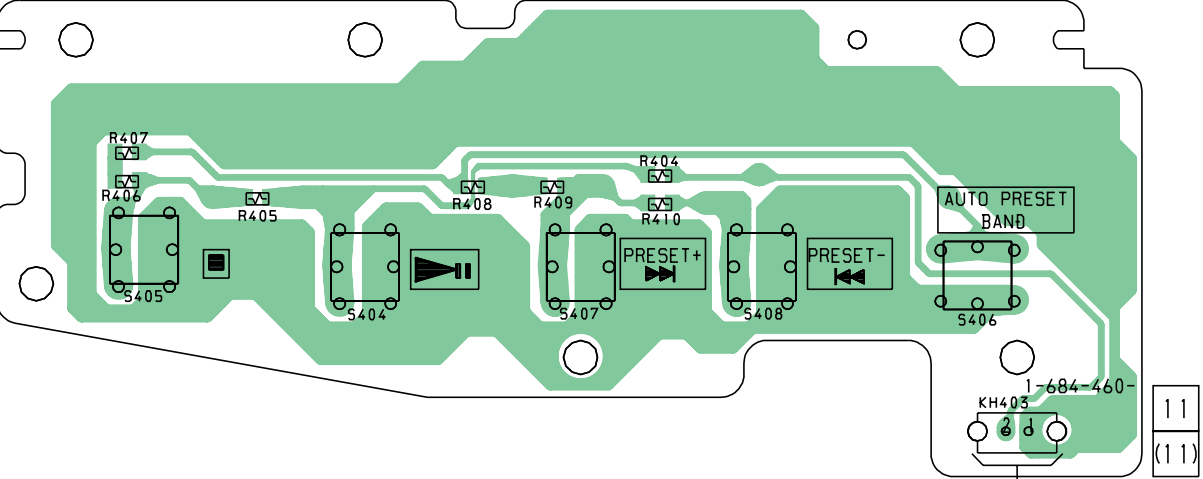




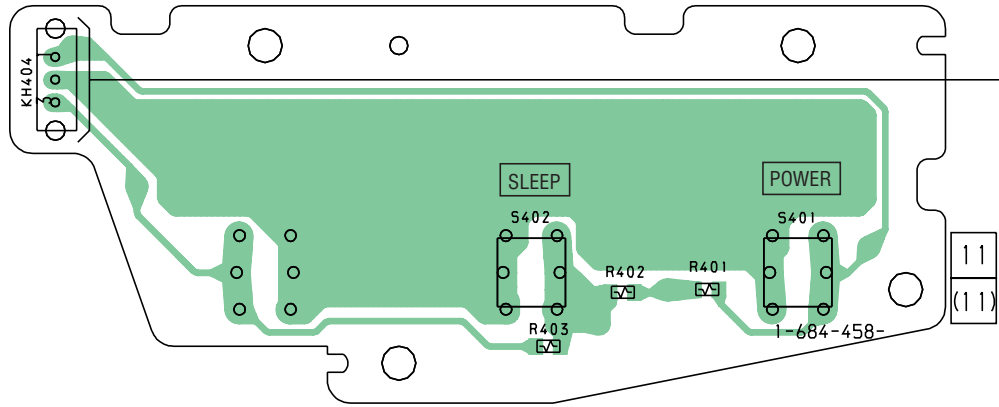




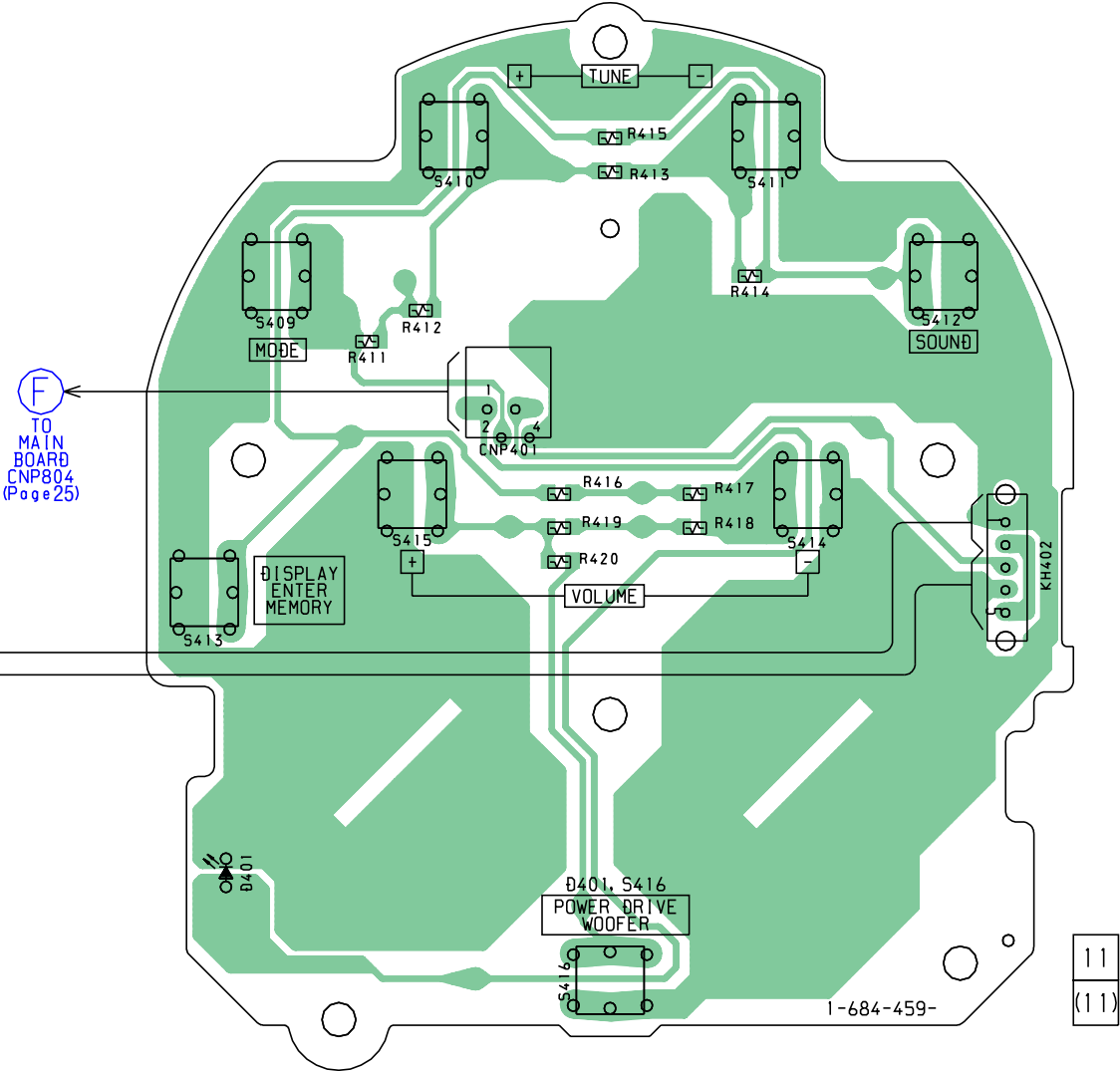
【CONTROL (CD) BOARD】



【CONTROL (POWER) BOARD】

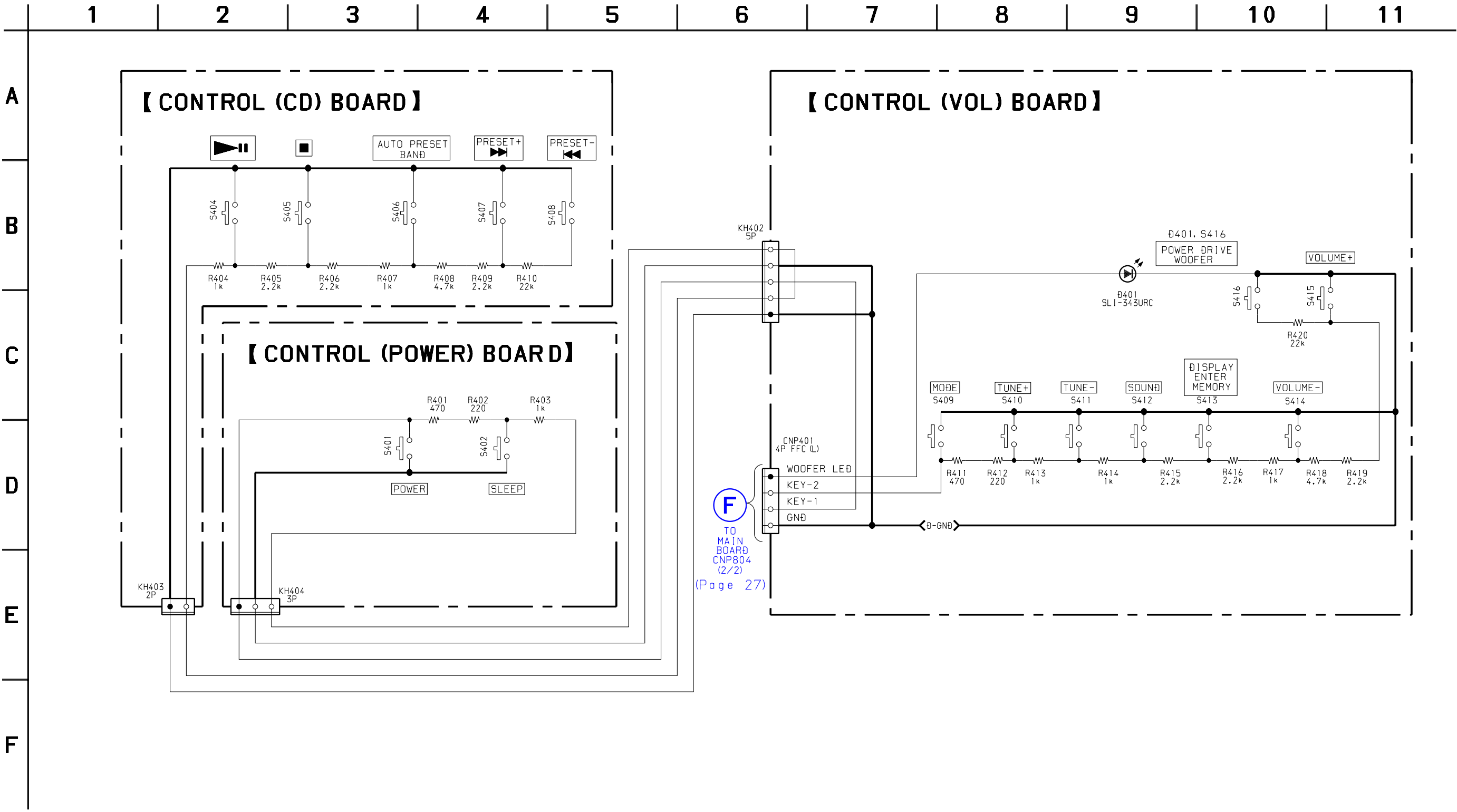


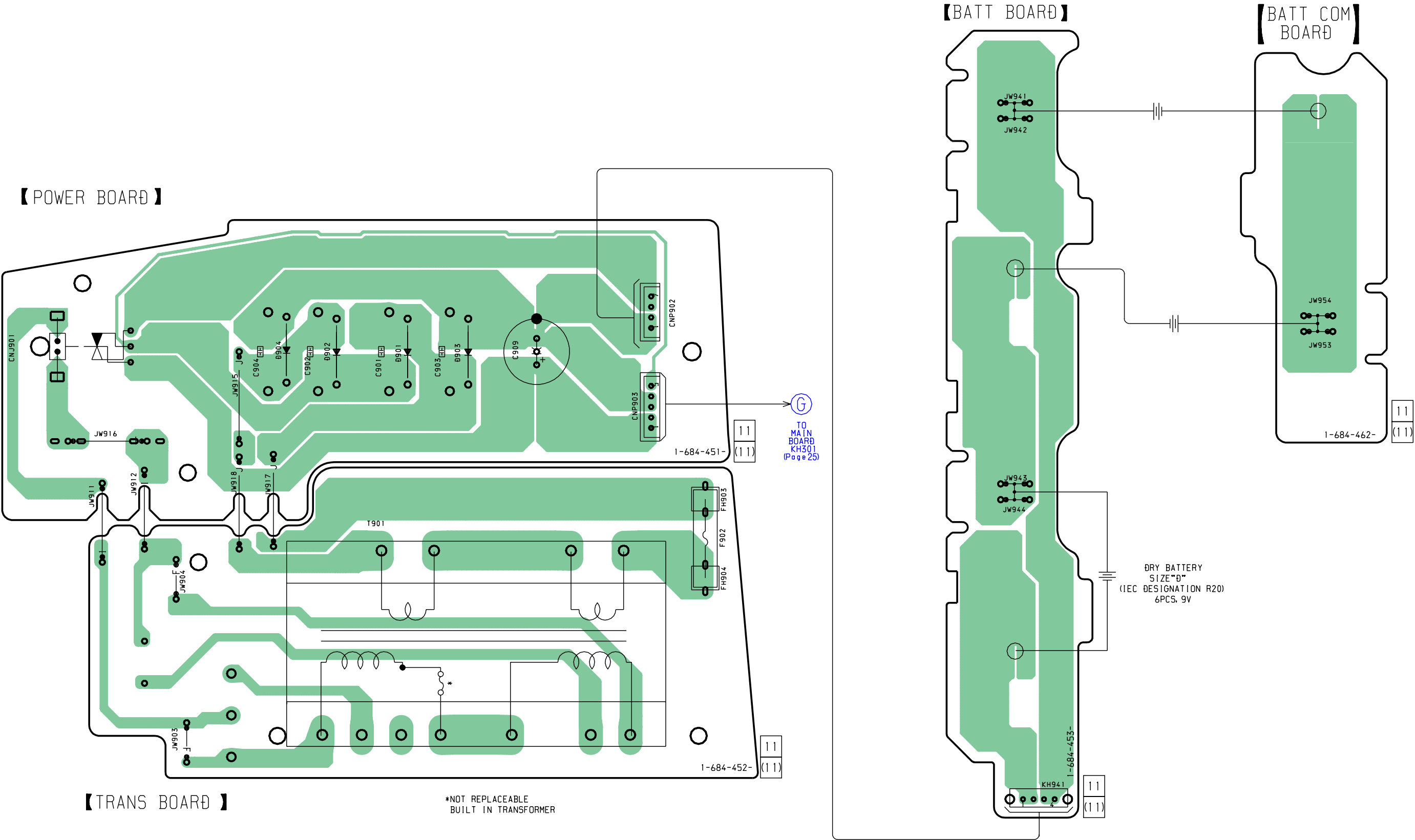
【CONTROL (VOL) BOARD】



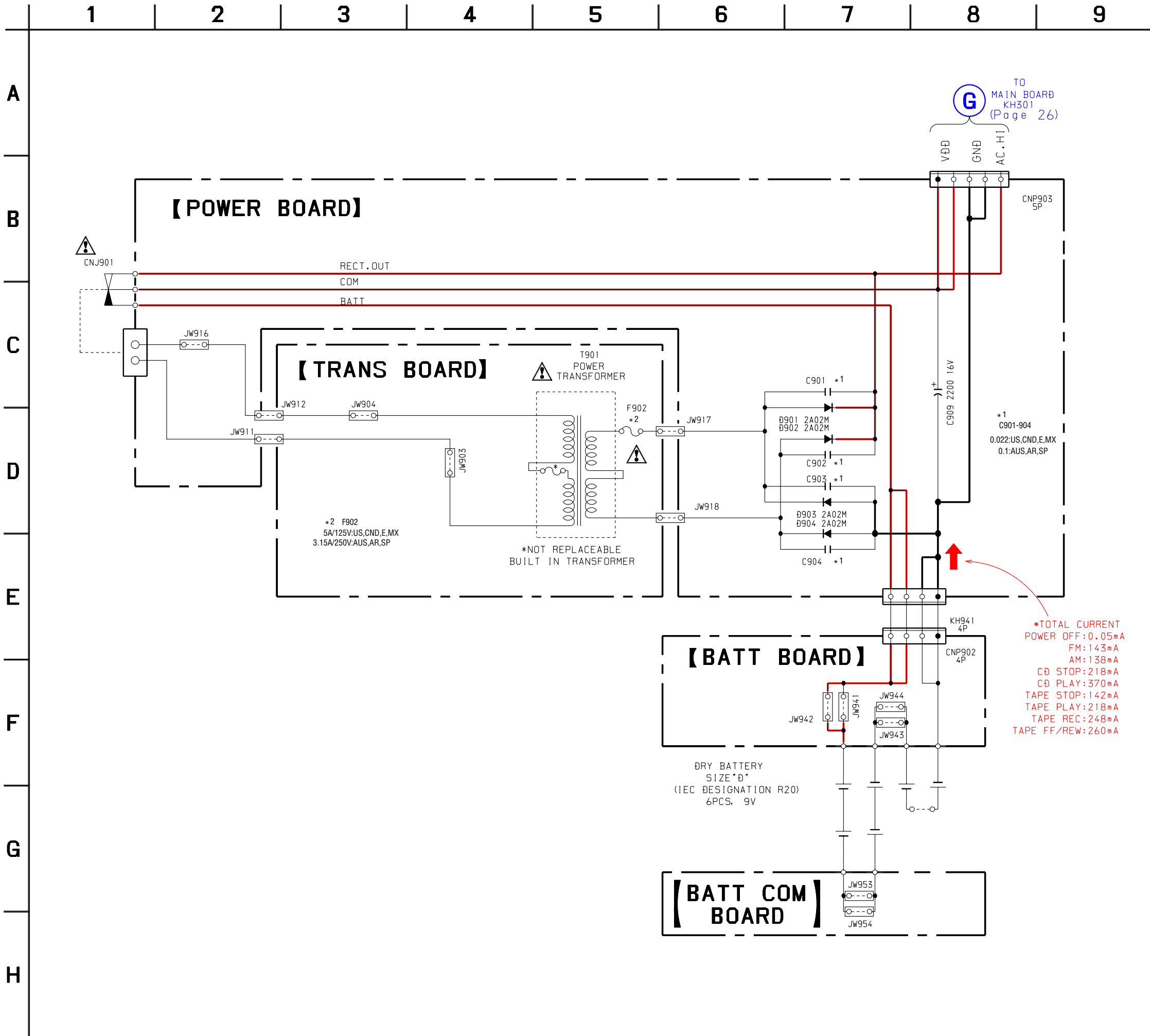
F
TO
MAIN
BOARD
CNP804
(Page 25)

5-15. Schematic Diagram – CONTROL Section –





5-17. Schematic Diagram – POWER Section –



- IC Block Diagrams

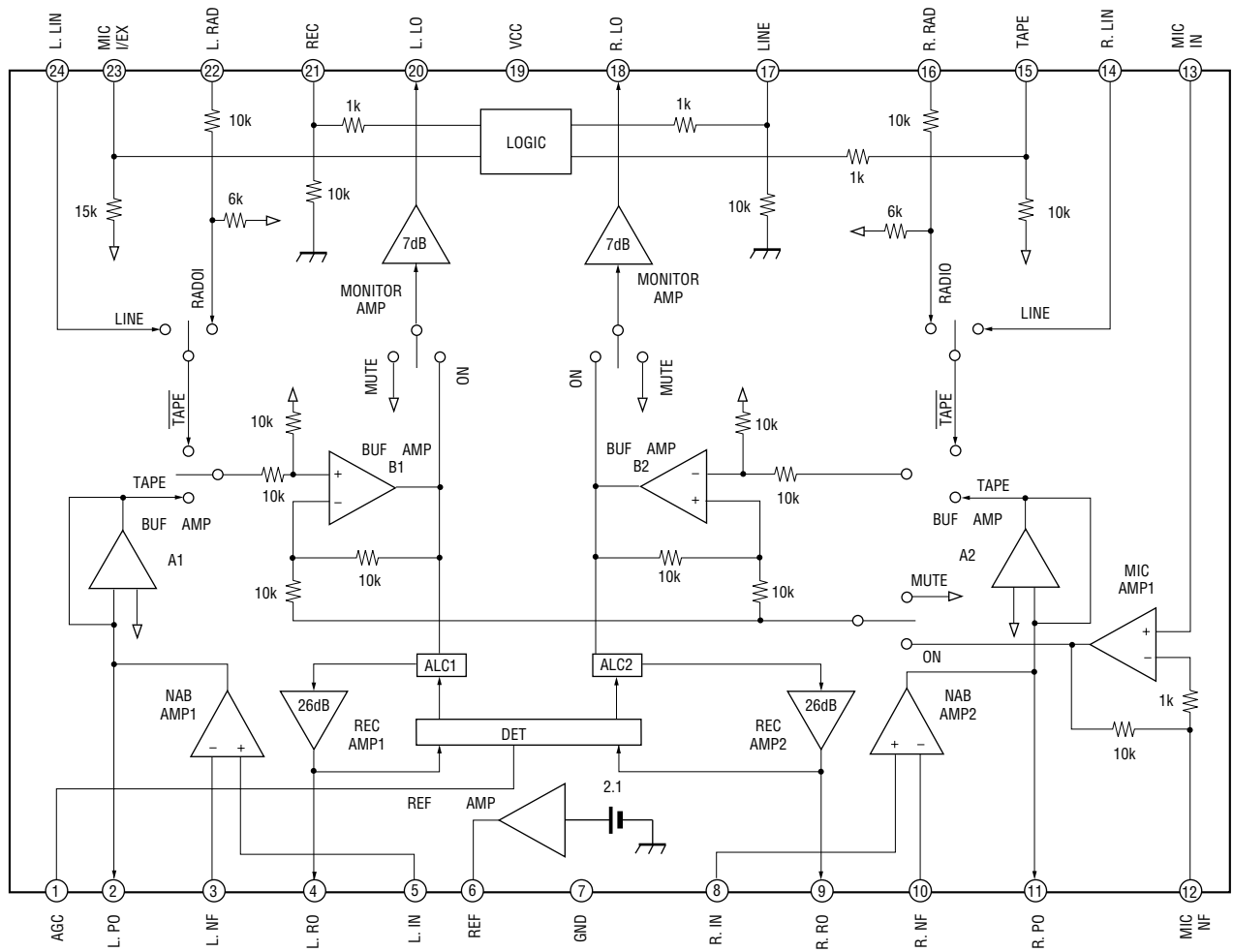
The block diagram illustrates the internal architecture of the FM74C02 radio receiver IC. The IC is a monolithic integrated circuit with 24 pins, numbered 1 through 24. The pins are connected to various external components and internal blocks as follows:

- Pin 1 (GND1):** Ground connection.
- Pin 2 (FM RF IN):** FM Radio Frequency input.
- Pin 3 (AM LOW CUT):** AM Low Cut filter control.
- Pin 4 (MIX OUT):** Mixer output.
- Pin 5 (VCC2):** Supply voltage connection.
- Pin 6 (AF IF IN):** Audio Frequency Intermediate Frequency input.
- Pin 7 (FM IF IN):** FM Intermediate Frequency input.
- Pin 8 (GND2):** Ground connection.
- Pin 9 (AGC):** Automatic Gain Control input.
- Pin 10 (QUAD):** Quad detector output.
- Pin 11 (R OUT):** Right channel audio output.
- Pin 12 (L OUT):** Left channel audio output.
- Pin 13 (LPF1/BAND):** Low Pass Filter 1 / Band select input.
- Pin 14 (VCO DIVIDE):** Voltage Controlled Oscillator divide input.
- Pin 15 (MPX IN):** Multiplexed input.
- Pin 16 (DET OUT):** Detector output.
- Pin 17 (IF OUT):** Intermediate Frequency output.
- Pin 18 (ST IND):** Stereo indicator output.
- Pin 19 (OSC OUT):** Oscillator output.
- Pin 20 (AM OSC):** AM Oscillator output.
- Pin 21 (FM OSC):** FM Oscillator output.
- Pin 22 (AM RF IN):** AM Radio Frequency input.
- Pin 23 (VCC1):** Supply voltage connection.
- Pin 24 (FM RF OUT):** FM Radio Frequency output.

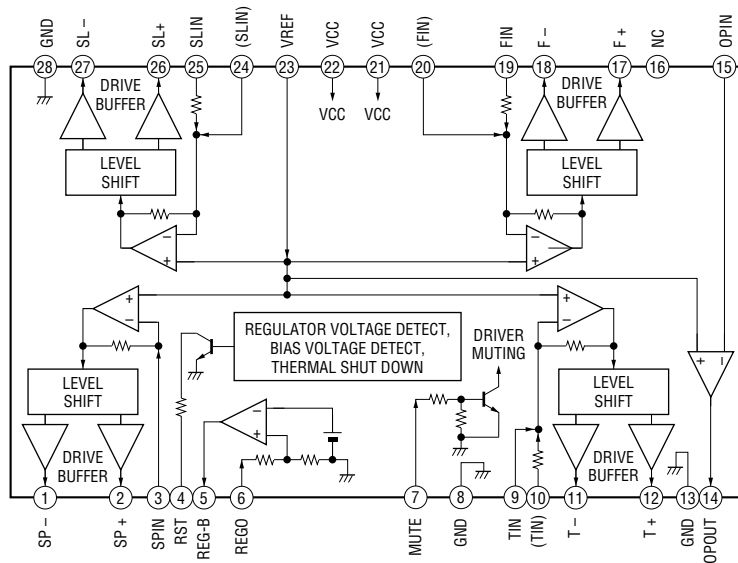
The internal blocks include:

- FM RF:** FM Radio Frequency amplifier.
- AM MIX:** AM Mixer.
- FM MIX:** FM Mixer.
- AM IF:** AM Intermediate Frequency amplifier.
- FM IF:** FM Intermediate Frequency amplifier.
- LEVEL DET:** Level detector.
- AM DET:** AM Detector.
- FM DET:** FM Detector.
- AGC:** Automatic Gain Control circuit.
- ST/MO FM/AM:** Stereo/Mono FM/AM switch.
- VCO DIVIDE DECODE:** Voltage Controlled Oscillator divide and decode circuit.
- AF BUFF:** Audio Frequency buffer.
- IF BUFF:** Intermediate Frequency buffer.
- IF REQ:** Intermediate Frequency request.
- AF:** Audio Frequency amplifier.
- SW:** Switch.
- ST:** Stereo indicator.
- 1/10R 1/16:** Frequency divider.
- 1/8:** Frequency divider.
- 1/4:** Frequency divider.
- 1/2:** Frequency divider.
- 1:** Frequency divider.
- 2:** Frequency divider.
- 4:** Frequency divider.
- 8:** Frequency divider.
- 16:** Frequency divider.
- 32:** Frequency divider.
- 64:** Frequency divider.
- 128:** Frequency divider.
- 256:** Frequency divider.
- 512:** Frequency divider.
- 1024:** Frequency divider.
- 2048:** Frequency divider.
- 4096:** Frequency divider.
- 8192:** Frequency divider.
- 16384:** Frequency divider.
- 32768:** Frequency divider.
- 65536:** Frequency divider.
- 131072:** Frequency divider.
- 262144:** Frequency divider.
- 524288:** Frequency divider.
- 1048576:** Frequency divider.
- 2097152:** Frequency divider.
- 4194304:** Frequency divider.
- 8388608:** Frequency divider.
- 16777216:** Frequency divider.
- 33554432:** Frequency divider.
- 67108864:** Frequency divider.
- 134217728:** Frequency divider.
- 268435456:** Frequency divider.
- 536870912:** Frequency divider.
- 1073741824:** Frequency divider.
- 2147483648:** Frequency divider.
- 4294967296:** Frequency divider.
- 8589934592:** Frequency divider.
- 17179869184:** Frequency divider.
- 34359738368:** Frequency divider.
- 68719476736:** Frequency divider.
- 137438953472:** Frequency divider.
- 274877906944:** Frequency divider.
- 549755813888:** Frequency divider.
- 1099511627776:** Frequency divider.
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- 2535301200456458802993406410752:** Frequency divider.
- 5070602400912917605986812821504:** Frequency divider.
- 10141204801825835211973625643008:** Frequency divider.
- 20282409603651670423947251286016:** Frequency divider.
- 40564819207303340847**

IC301 TA2068N



IC702 BA5826FP-E2



5-18. IC Pin Function Description

• IC801 μ PD789478GC-8BT System Control (MAIN Board)

Pin No.	Pin Name	I/O	Description
1, 2	NC	—	Not used (open)
3	VLC2	I	LCD bias power supply
4	VLC1	I	LCD bias power supply
5	VLC0	I	LCD bias power supply
6 to 9	COM0 to COM3	O	LCD common signal output
10 to 27	SEG0 to SEG17	O	LCD segment signal output
28, 29	NC	—	Not used (open)
30	WOOFER ON/OFF	O	Woofers on/off control signal output
31	WOOFER 1/2	O	Woofers 1/2 signal output (not used)
32	ISS1	O	ISS-1 signal output (not used)
33	ISS2	O	ISS-2 signal output (not used)
34	A-MUTE	O	Audio muting signal output
35	SCL	O	Clock output to the EEPROM
36	SDA	I/O	Data input/output with the EEPROM
37	INIT	O	Initialization setting signal output
38	AVDD	—	Power supply (A/D converter)
39	REC	I	REC signal input from the REC/PB switch (S301) "H": record mode
40	C-DOOR	I	Detection signal input from the CD OPEN switch (S701) "L": CD door close
41	SIMUKE	I	Destination setting signal input
42	MODE	I	Model setting signal input
43 to 45	KEY-1 to KEY-3	I	Key signal input from the function keys
46	C-FSEQ	I	CD FSEQ synchronizing signal detection signal input from the IC701
47	AVSS	—	Ground (A/D converter)
48	RMC	I	Data input from the remote control receiver
49	REG CHK	I	Power supply voltage monitoring signal input
50	WP	I/O	WAKE UP reading signal output (interrupt signal in input mode)
51	$\overline{\text{TC-PLAY}}$	I	TAPE PLAY signal input from the TC PLAY switch (S321)
52	WRQ	I	CD WRQ signal input from the IC701
53	C-DO	I	CD DSP data input from the IC701
54	C-DI	O	CD DSP data output to the IC701
55	C-CLK	O	CD clock output to the IC701
56	C-CE	O	CD chip enable signal output to the IC701
57	R-MUTE	O	Radio muting signal output "L": active
58	C-DRF	I	CD DRF signal input from the IC701
59	C-RES	O	CD system reset signal output to the IC701
60	R-COUNT	I	Radio IF count signal input from the IC2
61	R-CLK	O	Radio clock signal output to the IC2
62	R-DATA	O	Radio data output to the IC2
63	R-CE	O	Radio chip enable signal output to the IC2
64	V-CLOCK	O	Clock signal output to the sound processor (IC321)
65	V-DATA	O	Data output to the sound processor (IC321)
66	P-CON	O	Power control signal output
67	TAPE	O	TAPE function signal output to the IC301
68	VL	O	VL control signal output "L": active
69	NC	I	Not used (connected to ground)
70	XT1	I	Sub system clock oscillator input (32.768kHz)
71	XT2	O	Sub system clock oscillator output (32.768kHz)
72	VDD	—	Power supply
73	VSS	—	Ground
74	X1	I	Main system clock oscillator input (4.19MHz)

Pin No.	Pin Name	I/O	Description
75	X2	O	Main system clock oscillator output (4.19MHz)
76	$\overline{\text{RST}}$	I	System reset signal input
77	$\overline{\text{CD}}$	O	CD function signal output “L”: active
78	LED CONT	O	LED control signal output (not used)
79	W-LED1	O	Woofer1 LED control signal output
80	W-LED2	O	Woofer2 LED control signal output (not used)

SECTION 6 EXPLODED VIEWS

NOTE:

- XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

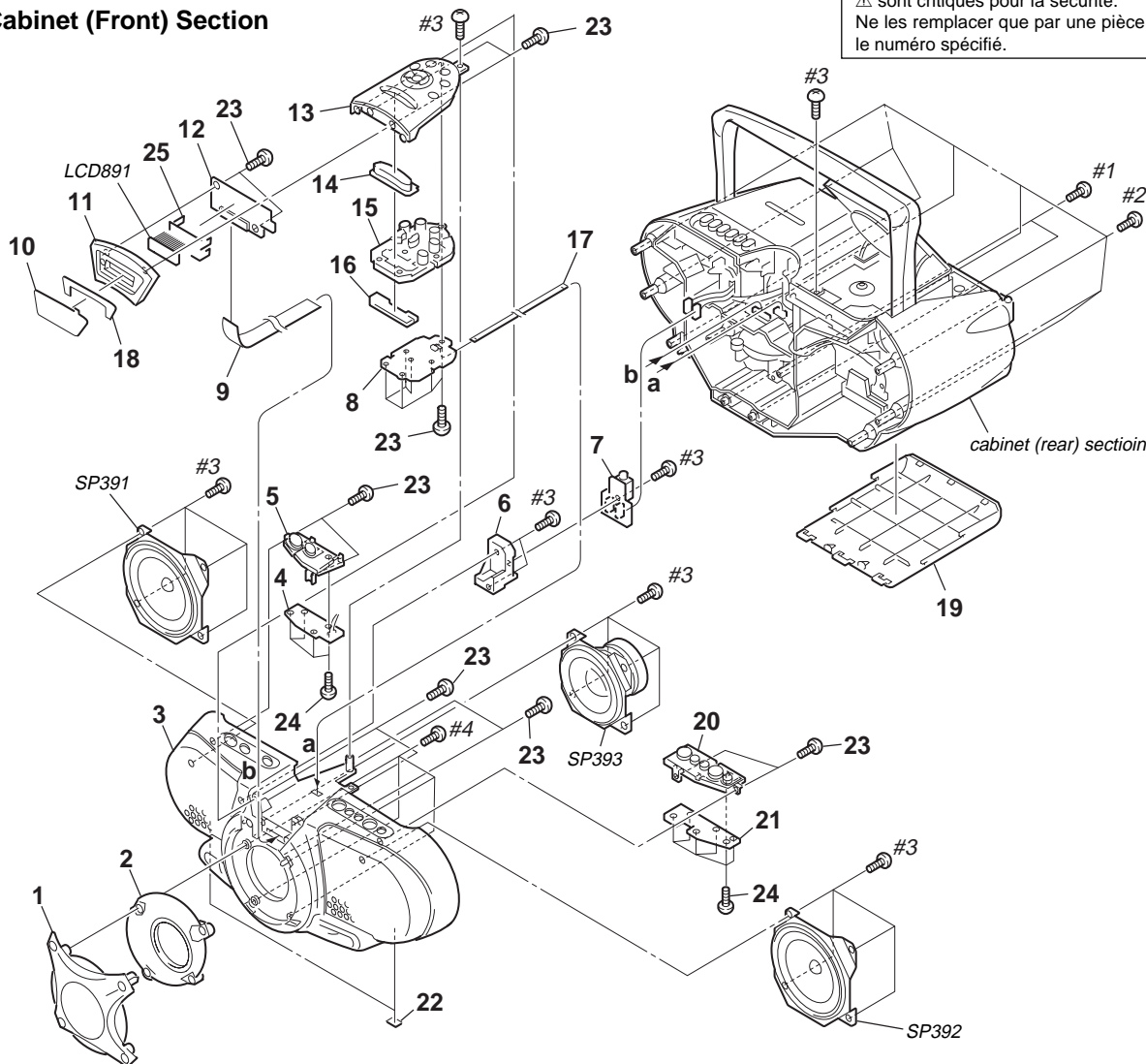
- Color Indication of Appearance Parts Example:
KNOB, BALANCE (WHITE) (RED)
↑ ↑
Parts color Cabinets color
- Accessories are given in the last of this parts list.
- Abbreviation
AR : Argentina model.
AUS : Australian model.

CND : Canadian model.
E92 : Chilean and Peruvian model.
MX : Mexican model.
SP : Singapore model.

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

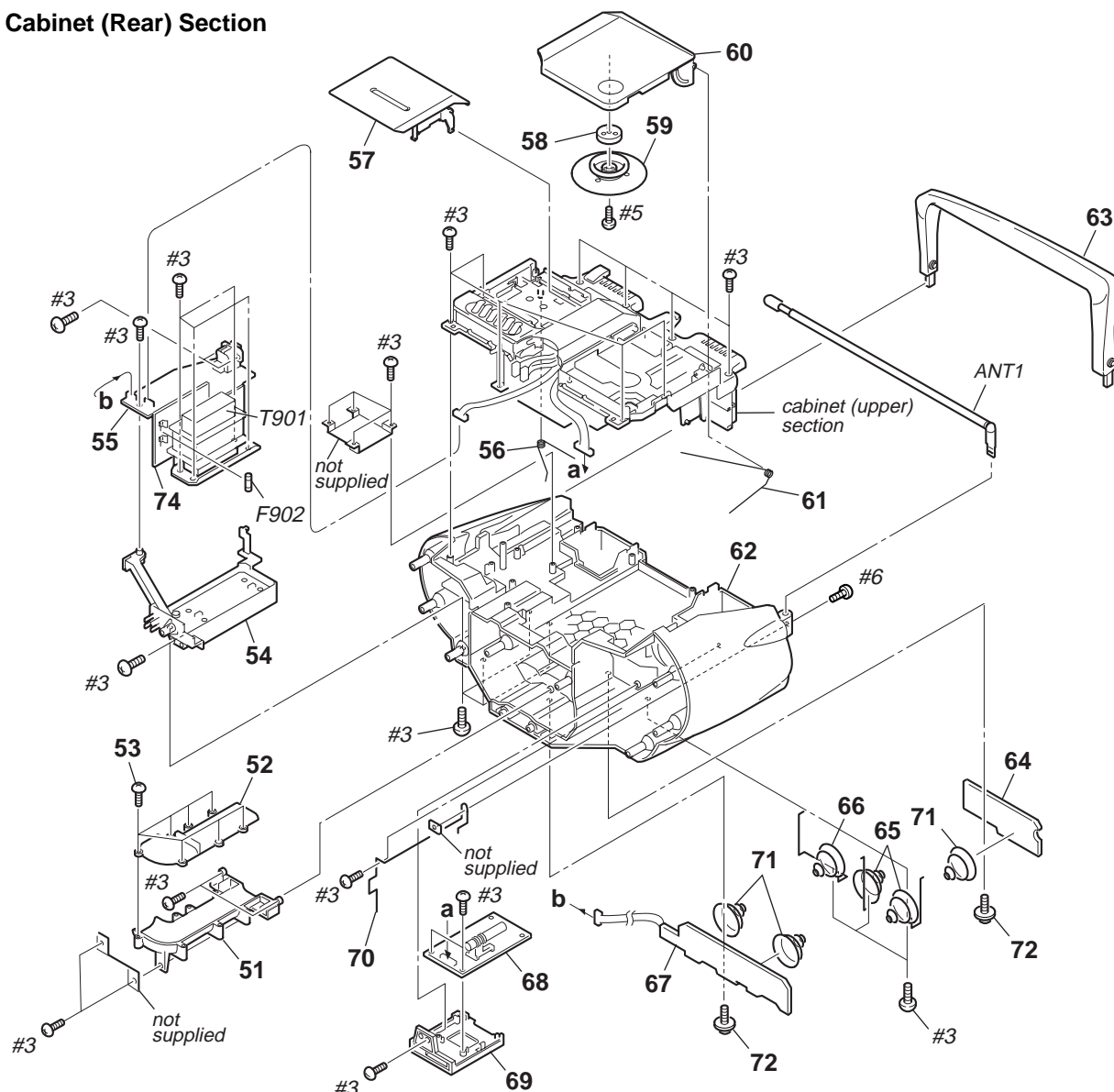
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. Cabinet (Front) Section



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
1	3-238-215-01	COVER (WOOFER.943) (BLACK)		15	3-238-242-11	BUTTON (VOL) (BLACK)	
1	X-3381-844-1	COVER (WOOFER) ASSY (SILVER)		15	3-238-242-21	BUTTON (VOL) (SILVER)	
2	3-238-224-01	COVER (WOOFER.COM) (BLACK)		16	3-238-247-01	PLATE (PDW), LIGHT GUIDE	
2	3-238-224-11	COVER (WOOFER.COM) (SILVER)		17	1-823-744-11	CABLE, FLEXIBLE FLAT (4 CORE)	
3	X-3381-822-1	CABINET (FRONT) SUB ASSY (BLACK) (US)		18	3-238-936-01	SHEET (LCD WINDOW), ADHESIVE	
3	X-3381-838-1	CABINET (FRONT) SUB ASSY (BLACK) (CND,E92,MX,AR,SP)		19	3-238-250-01	LID, BATTERY CASE (BLACK)	
3	X-3381-841-1	CABINET (FRONT) SUB ASSY (SILVER) (AUS,SP)		19	3-238-250-11	LID, BATTERY CASE (SILVER)	
* 4	1-684-458-11	CONTROL (POWER) BOARD		20	3-238-244-01	BUTTON (CD) (BLACK)	
5	3-238-243-11	BUTTON (POWER) (BLACK)		20	3-238-244-11	BUTTON (CD) (SILVER)	
5	3-238-243-21	BUTTON (POWER) (SILVER)		* 21	1-684-460-11	CONTROL (CD) BOARD	
6	3-238-235-01	CHASSIS (H/J)		22	3-040-916-01	CUSHION (FOOT) FRONT	
* 7	1-684-457-11	HEADPHONE BOARD		23	4-951-620-11	SCREW (2.6X10), +BVTP	
* 8	1-684-459-11	CONTROL (VOL) BOARD		24	4-951-620-01	SCREW (2.6X8), +BVTP	
9	1-823-740-11	CABLE, FLEXIBLE FLAT (26 CORE)		25	3-238-938-01	HOLDER, LCD	
10	3-238-226-01	WINDOW (LCD) (BLACK)		LCD891	1-804-640-11	DISPLAY PANEL, LIQUID CRYSTAL	
10	3-238-226-11	WINDOW (LCD) (SILVER)		SP391	1-825-029-11	SPEAKER (10cm) (BLACK)	
11	X-3381-823-1	PANEL (FRONT) ASSY (BLACK)		SP391	1-825-159-11	SPEAKER (10cm) (SILVER)	
11	X-3381-842-1	PANEL (FRONT) ASSY (SILVER)		SP392	1-825-029-11	SPEAKER (10cm) (BLACK)	
* 12	1-684-454-11	LCD BOARD		SP392	1-825-159-11	SPEAKER (10cm) (SILVER)	
13	3-238-222-11	PANEL (UPPER) (BLACK)		SP393	1-825-030-11	SPEAKER (8cm) (WOOFER)	
13	3-238-222-21	PANEL (UPPER) (SILVER)		#1	7-685-651-79	SCREW +BVTP 3X20 TYPE2 N-S	
14	3-238-245-01	BUTTON (PDW) (BLACK)		#2	7-685-649-79	SCREW +BVTP 3X14 TYPE2 N-S	
14	3-238-245-11	BUTTON (PDW) (SILVER)		#3	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
				#4	7-685-783-09	SCREW +PTT 2X6 (S)	

6-2. Cabinet (Rear) Section

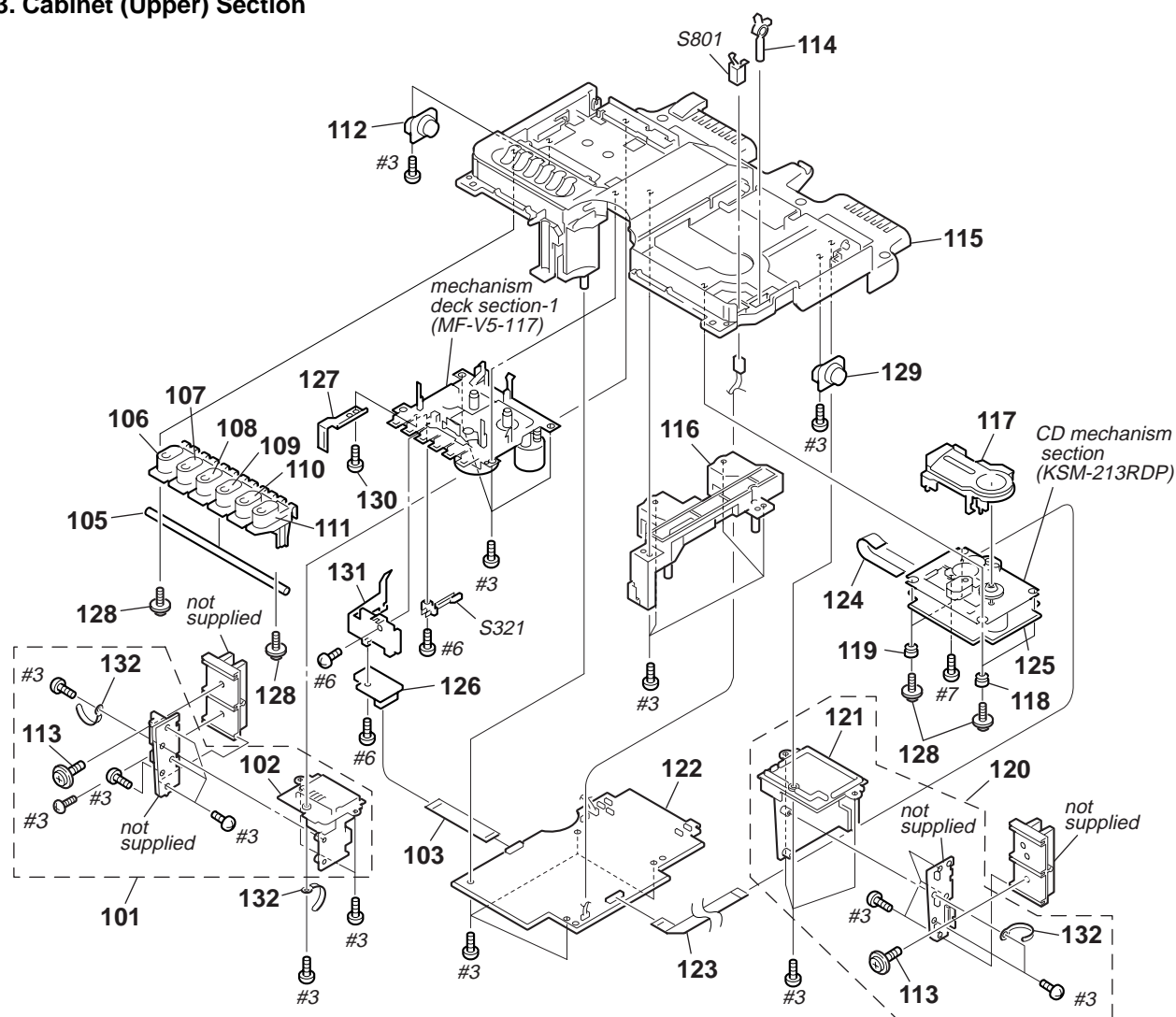


Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
51	3-238-229-01	DUCT (LOWER) (BLACK)		63	3-238-249-11	HANDLE (SILVER)	
51	3-238-229-11	DUCT (LOWER) (SILVER)		* 64	1-684-462-11	BATT COM BOARD	
52	3-238-228-01	DUCT (UPPER) (BLACK)		65	3-238-136-01	TERMINAL (+,-), BATTERY	
52	3-238-228-11	DUCT (UPPER) (SILVER)		66	3-238-214-01	TERMINAL (+,-), BATTERY	
53	4-951-620-01	SCREW (2.6X8), +BVTP		* 67	1-684-453-11	BATT BOARD	
54	3-238-230-01	CHASSIS (TRANS)		* 68	A-3323-779-A	TUNER BOARD ,COMPLETE (US,CND,E92,MX)	
* 55	1-684-451-11	POWER BOARD		* 68	A-3323-815-A	TUNER BOARD ,COMPLETE (AUS,AR,SP)	
56	3-238-934-01	SPRING (CASSETTE)		69	3-238-231-01	CHASSIS (TU)	
57	X-3381-821-1	HOLDER ASSY, CASSETTE (BLACK)		70	3-238-134-01	TERMINAL, ANTENNA	
57	X-3381-840-1	HOLDER ASSY, CASSETTE (SILVER)		71	3-238-135-01	TERMINAL (-), BATTERY	
58	1-452-899-11	MAGNET		72	4-960-167-01	SCREW (3X8) (DIA. 10), +WH	
59	3-019-395-01	PLATE, CHUCKING		* 74	1-684-452-11	TRANS BOARD	
60	3-238-219-11	LID, CD (BLACK)		ANT1	1-501-883-21	ANTENNA, TELESCOPIC	
60	3-238-219-31	LID, CD (SILVER)		△ F902	1-532-465-11	FUSE, TIME LAG 3.15A/250V(AUS,AR,SP)	
61	3-238-935-01	SPRING (CD)		△ F902	1-576-109-11	FUSE 5A/125V(US,CND,E92,MX)	
62	3-238-217-31	CABINET (REAR) (BLACK) (US)		△ T901	1-437-644-11	TRANSFORMER, POWER(US,CND,E92,MX)	
62	3-238-217-41	CABINET (REAR) (BLACK) (CND,E92,MX)		△ T901	1-437-645-11	TRANSFORMER, POWER(AUS,AR,SP)	
62	3-238-217-51	CABINET (REAR) (BLACK) (AR,SP)		#3	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
62	3-238-217-71	CABINET (REAR) (SILVER) (AUS,SP)		#5	7-685-533-19	SCREW +BTP 2.6X6 TYPE2 N-S	
63	3-238-249-01	HANDLE (BLACK)		#6	7-682-548-04	SCREW +B 3X8	

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

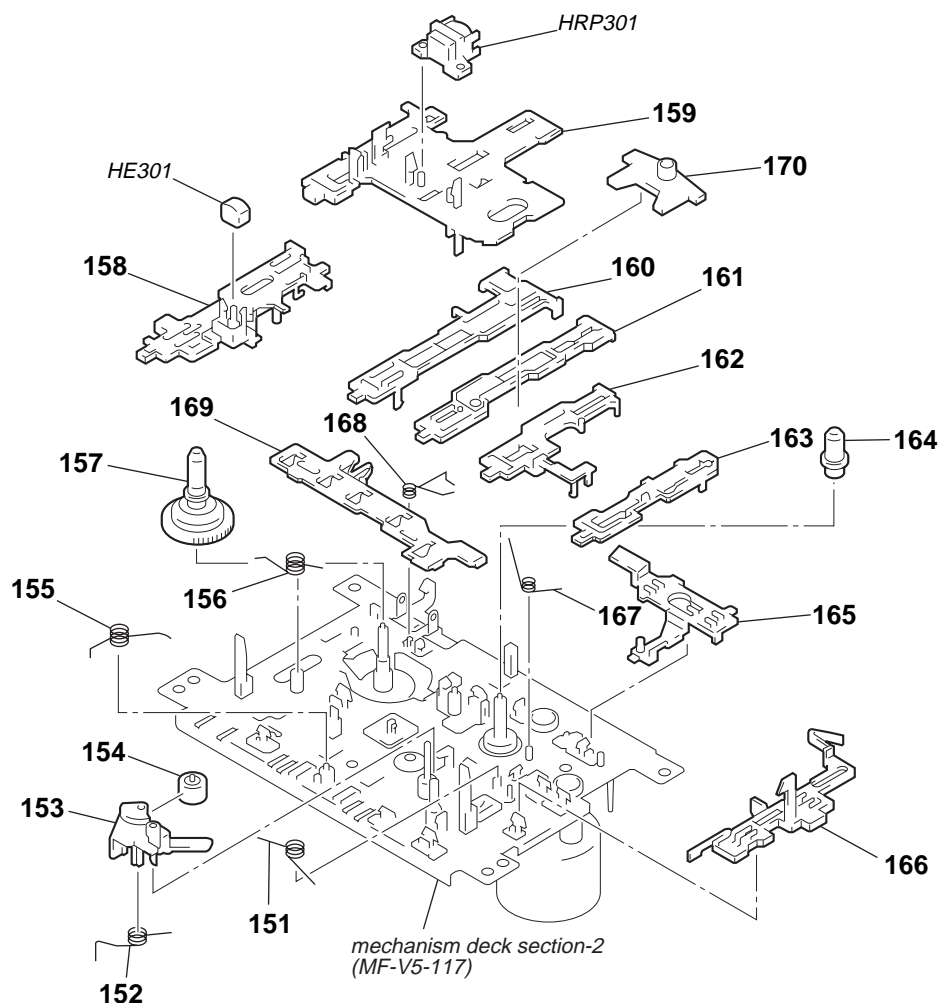
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-3. Cabinet (Upper) Section



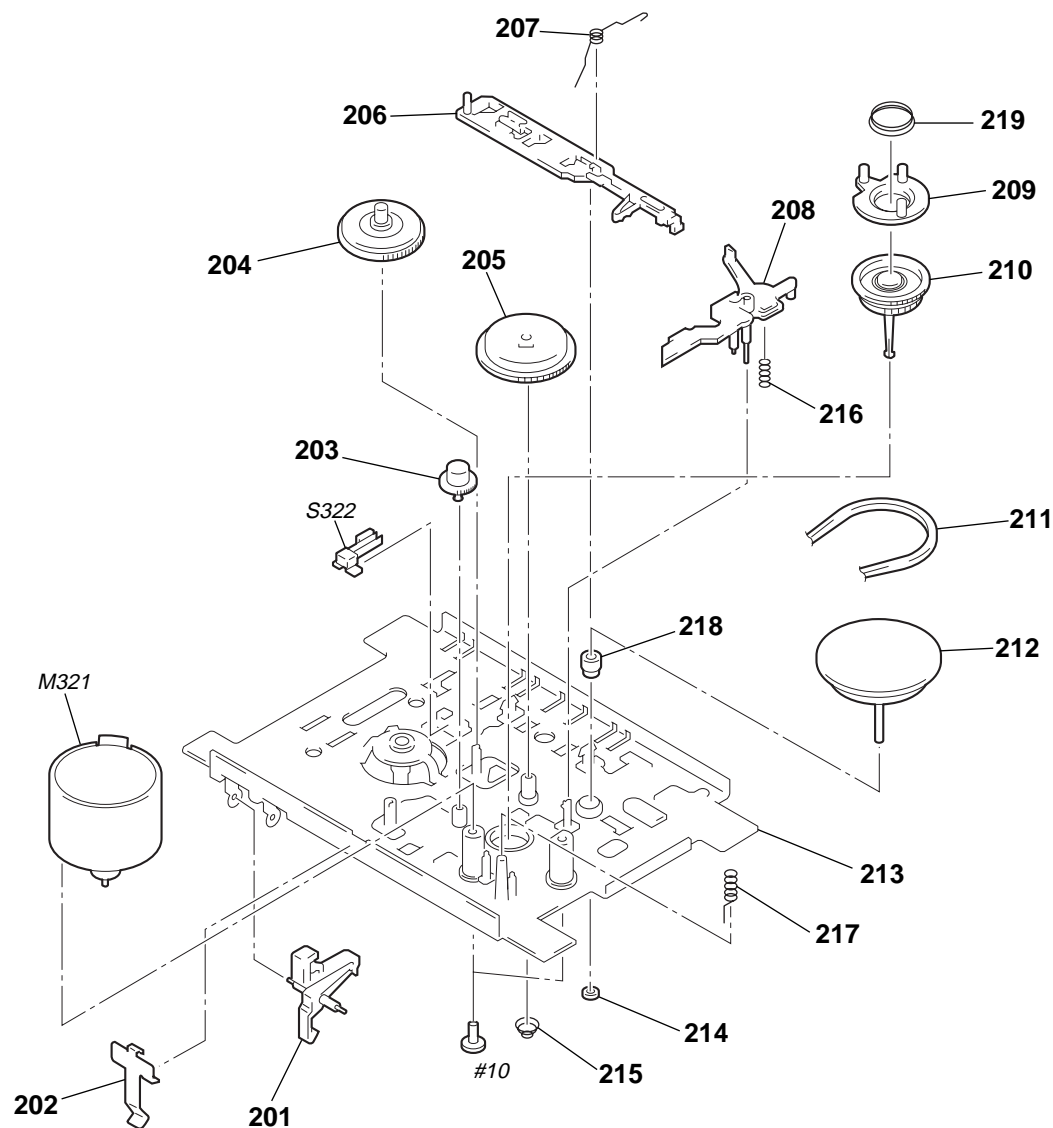
Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
* 101	A-3178-395-A	L-R/REG BOARD, COMPLETE		118	3-931-379-21	RUBBER, VIBRATION PROOF	
102	3-238-232-01	CHASSIS (HS.L)		119	3-931-379-31	RUBBER, VIBRATION PROOF	
103	1-757-778-11	CABLE, FLEXIBLE FLAT (11 CORE)		* 120	A-3178-396-A	PDW BOARD, COMPLETE (US,CND,E92,MX)	
105	3-031-560-01	SHAFT (MD)		* 120	A-3178-479-A	PDW BOARD, COMPLETE (AUS,AR,SP)	
106	3-238-236-01	BUTTON (REC) (BLACK)		121	3-238-233-01	CHASSIS (HS.R)	
106	3-238-236-11	BUTTON (REC) (SILVER)		* 122	A-3178-397-A	MAIN BOARD, COMPLETE (US,E92,MX)	
107	3-238-237-01	BUTTON (PLAY) (BLACK)		* 122	A-3178-469-A	MAIN BOARD, COMPLETE (CND)	
107	3-238-237-11	BUTTON (PLAY) (SILVER)		* 122	A-3178-471-A	MAIN BOARD, COMPLETE (AR)	
108	3-238-238-01	BUTTON (REW) (BLACK)		* 122	A-3178-472-A	MAIN BOARD, COMPLETE (SP)	
108	3-238-238-11	BUTTON (REW) (SILVER)		123	1-823-742-11	WIRE (FLAT TYPE) (14 CORE)	
109	3-238-239-01	BUTTON (FF) (BLACK)		124	1-757-689-11	CABLE, FLEXIBLE FLAT (16 CORE)	
109	3-238-239-11	BUTTON (FF) (SILVER)		* 125	A-3178-122-A	CD BOARD, COMPLETE	
110	3-238-240-01	BUTTON (STOP/EJECT) (BLACK)		126	A-3178-403-A	TC BOARD, COMPLETE	
110	3-238-240-11	BUTTON (STOP/EJECT) (SILVER)		127	3-222-727-01	LEVER (REC)	
111	3-238-241-01	BUTTON (PAUSE) (BLACK)		128	3-921-725-01	SCREW (2.6X10), +PWH	
111	3-238-241-11	BUTTON (PAUSE) (SILVER)		129	3-047-468-11	DAMPER	
112	3-047-468-01	DAMPER		130	4-951-620-01	SCREW (2.6X8), +BVTP	
113	4-960-167-01	SCREW (3X8) (DIA. 10), +WH		131	3-222-726-01	CHASSIS (TC)	
114	3-232-770-01	STOPPER (CD)		132	3-703-150-11	CLAMP	
115	3-238-218-21	CABINET (UPPER) (BLACK) (US,AR)		S321	1-771-686-11	SWITCH, LEAF (PLAY SW)	
115	3-238-218-31	CABINET (UPPER) (BLACK) (CND,E92,MX,SP)		S801	1-692-960-11	SWITCH, PUSH (1 KEY) (▲PUSH OPEN/CLOSE)	
115	3-238-218-41	CABINET (UPPER) (SILVER) (AUS,SP)		#3	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
116	3-238-234-01	CHASSIS (CD)		#6	7-682-548-04	SCREW +B 3X8	
117	3-923-736-01	COVER, CD		#7	7-685-853-04	SCREW +BVTT 2X6 (S)	

6-4. Mechanism Deck Section- 1 (MF-V5-117)



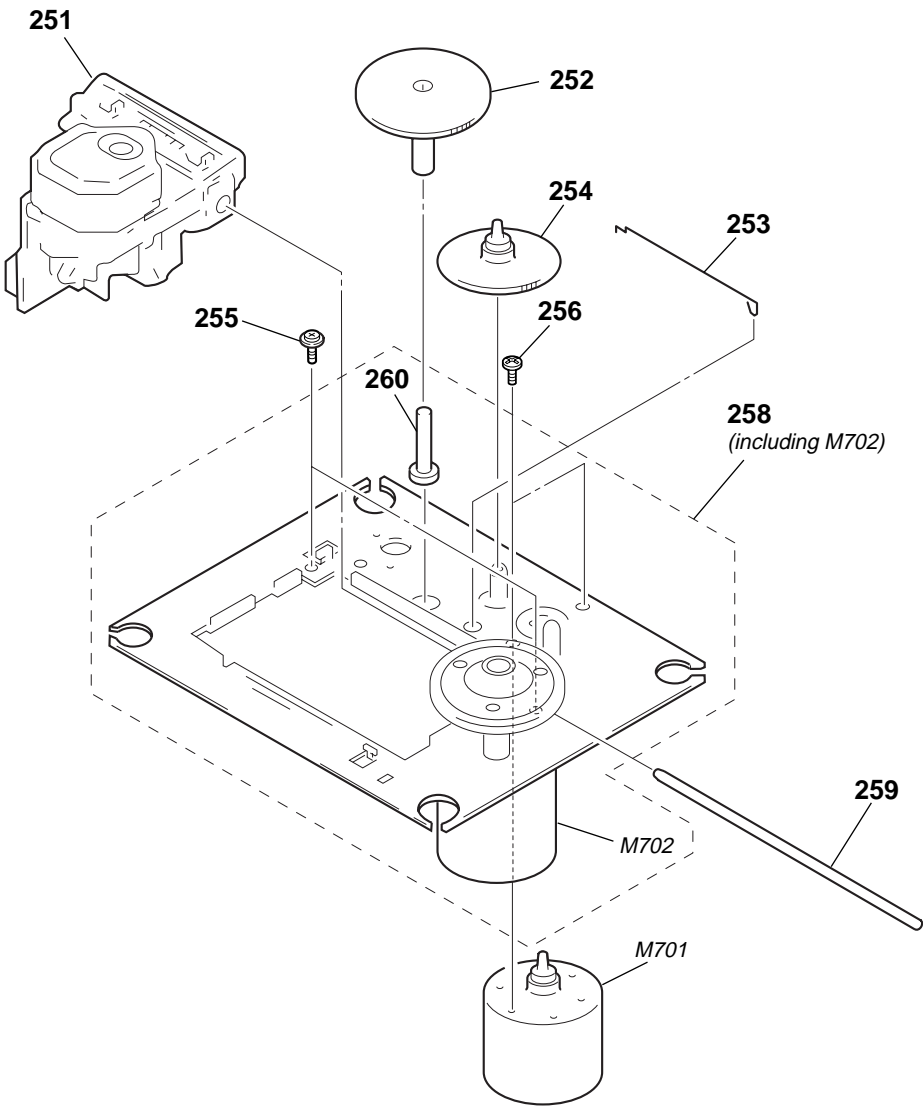
Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
151	3-933-010-01	SPRING (S/P), TORSION		* 162	3-008-587-01	SLIDER (STOP)	
152	3-933-025-01	SPRING (P), TORSION		* 163	3-008-591-01	SLIDER (PAUSE)	
153	3-040-857-01	LEVER (P)		164	3-933-004-01	CLAW, REEL	
154	3-933-024-01	ROLLER, PINCH		* 165	3-933-021-01	SLIDER (FRP)	
155	3-933-019-01	SPRING (F/R), TORSION		* 166	3-933-006-01	SLIDER (EJECT)	
156	3-933-028-01	SPRING (FWD), TORSION		167	3-934-833-01	SPRING (FRP)	
157	3-933-016-01	GEAR (S REEL)		168	3-022-794-02	SPRING (BT)	
158	3-008-590-01	SLIDER (REC)		169	3-933-007-01	PLATE, LOCK	
159	3-008-592-23	BASE (H), HEAD		* 170	3-012-114-01	LEVER (FR)	
* 160	3-008-588-01	SLIDER (REW)		HE301	1-543-876-11	HEAD (ERASE)	
* 161	3-008-589-13	SLIDER (FF)		HRP301	1-500-691-11	HEAD, MAGNETIC (RECORD/PLAYBACK)	

6-5. Mechanism Deck Section- 2 (MF-V5-117)



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
201	3-933-029-01	LEVER, ERASING PREVENTION		213	3-932-993-01	CHASSIS, OUTSERT	
202	3-933-182-01	SPRING, CASSETTE		214	3-343-358-01	RING, RETAINING	
203	3-932-995-01	GEAR (MID)		215	3-933-005-01	SPRING (CAM), COMPRESSION	
204	X-3371-667-1	CLUTCH ASSY		216	3-939-383-02	SPRING, COMPRESSION	
205	3-932-997-01	GEAR (CAM)		217	3-937-760-01	SPRING (GROUND), COMPRESSION	
* 206	3-932-999-01	SLIDER (SW)		218	3-934-336-01	BEARING	
207	3-932-998-01	SPRING (GROUND), TORSION		219	3-009-650-02	SPRING (K), COMPRESSION	
208	3-009-648-01	LEVER (S.OFF)		M321	A-3320-446-A	MOTOR ASSY (CAPSTAN/REEL)	
209	3-936-438-01	LEVER (K)		S322	1-762-679-11	SWITCH, LEAF (MOTOR SW)	
210	X-3373-572-1	REEL ASSY (N), T		#10	7-621-770-87	SCREW +B 2.6X5	
211	3-933-020-11	BELT					
212	X-3377-877-3	FLYWHEEL ASSY					

6-6. CD Mechanism Section (KSM-213RDP)



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
△ 251	8-820-161-02	OPTICAL PICK-UP KSS-213R		256	3-713-786-51	SCREW (M2 x 3)	
* 252	2-169-065-01	GEAR (A)		258	X-2162-707-1	CHASSIS ASSY, (RDP) (RP) MOTOR (SPINDLE)	
* 253	2-169-385-01	SPRING, SLED		259	2-626-908-01	SHAFT, SLED	
* 254	2-647-408-02	GEAR (B)		* 260	2-169-384-01	SHAFT (S), GEAR	
255	2-169-388-01	TAPPING (M2), +PWB		M701	X-2162-712-1	GEAR ASSY (R) (RP), MOTOR (SLED)	

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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SECTION 7
ELECTRICAL PARTS LIST

BATT BATT COM CD

- NOTE:
• Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
• -XX, -X mean standardized parts, so they may have some difference from the original one.
• SEMICONDUCTORS
In each case, u: μ, for example:
uA..., μA..., uPA..., μPA...,
uPB..., μPB..., uPC..., μPC...,
uPD..., μPD...
• CAPACITORS:
uF: μF
• Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
• RESISTORS
All resistors are in ohms.
METAL: metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
• COILS
uH: μH
• Abbreviation
AR : Argentina model.
AUS : Australian model.

CND : Canadian model.
E92 : Chilean and Peruvian model.
MX : Mexican model.
SP : Singapore model.
When indicating parts by reference number, please include the board name.
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
*	1-684-453-11	BATT BOARD *****		C739	1-164-156-11	CERAMIC CHIP 0.1uF	25V
	3-238-135-01	TERMINAL (-), BATTERY < CABLE HOLDER >		C740	1-126-935-11	ELECT 470uF	20.00% 10V
* KH941	1-565-385-11	HOLDER, CABLE 4P *****		C741	1-164-156-11	CERAMIC CHIP 0.1uF	25V
*	1-684-462-11	BATT COM BOARD *****		C742	1-164-156-11	CERAMIC CHIP 0.1uF	25V
	3-238-135-01	TERMINAL (-), BATTERY *****		C743	1-164-156-11	CERAMIC CHIP 0.1uF	25V
*	A-3178-122-A	CD BOARD, COMPLETE ***** < CAPACITOR >		C744	1-164-156-11	CERAMIC CHIP 0.1uF	25V
	C701	1-162-964-11 CERAMIC CHIP 0.001uF	10% 50V	C745	1-164-156-11	CERAMIC CHIP 0.1uF	25V
	C702	1-126-947-11 ELECT 47uF	20.00% 10V	C746	1-104-665-11	ELECT 100uF	20.00% 10V
	C703	1-107-826-11 CERAMIC CHIP 0.1uF	10.00% 16V	C747	1-104-665-11	ELECT 100uF	20.00% 10V
	C704	1-162-919-11 CERAMIC CHIP 22PF	5% 50V	C750	1-104-665-11	ELECT 100uF	20.00% 10V
	C705	1-162-968-11 CERAMIC CHIP 0.0047uF	10% 50V	C751	1-164-156-11	CERAMIC CHIP 0.1uF	25V
	C706	1-126-960-11 ELECT 1uF	20.00% 50V	C754	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
	C707	1-115-156-11 CERAMIC CHIP 1uF	10V	C755	1-162-970-11	CERAMIC CHIP 0.01uF	10% 25V
	C708	1-162-927-11 CERAMIC CHIP 100PF	5% 50V			< CONNECTOR >	
	C709	1-164-156-11 CERAMIC CHIP 0.1uF	25V	CNP701	1-770-168-11	CONNECTOR, FFC/FPC 16P	
	C711	1-162-974-11 CERAMIC CHIP 0.01uF	50V	* CNP702	1-784-736-11	CONNECTOR, FFC 14P	
	C716	1-162-974-11 CERAMIC CHIP 0.01uF	50V			< FERRITE BEAD >	
	C717	1-163-021-91 CERAMIC CHIP 0.01uF	10.00% 50V	FB701	1-469-701-21	INDUCTOR 0UH	
	C720	1-162-919-11 CERAMIC CHIP 22PF	5% 50V			< IC >	
	C721	1-162-919-11 CERAMIC CHIP 22PF	5% 50V	IC701	6-701-796-01	IC LC78646E-E	
	C722	1-162-919-11 CERAMIC CHIP 22PF	5% 50V	IC702	6-701-787-11	IC BA5826FP-E2	
	C723	1-162-974-11 CERAMIC CHIP 0.01uF	50V			< JUMPER RESISTOR >	
	C724	1-162-919-11 CERAMIC CHIP 22PF	5% 50V	JC701	1-216-864-11	METAL CHIP 0	5% 1/16W
	C725	1-162-964-11 CERAMIC CHIP 0.001uF	10% 50V	JC702	1-216-864-11	METAL CHIP 0	5% 1/16W
	C726	1-162-964-11 CERAMIC CHIP 0.001uF	10% 50V	JC703	1-216-864-11	METAL CHIP 0	5% 1/16W
	C727	1-162-964-11 CERAMIC CHIP 0.001uF	10% 50V	JC704	1-216-821-11	METAL CHIP 1K	5% 1/16W
	C728	1-165-176-11 CERAMIC CHIP 0.047uF	10.00% 16V			< COIL >	
	C729	1-125-837-91 CERAMIC CHIP 1uF	10% 6.3V	L706	1-414-445-11	FERRITE 0uH	
	C730	1-107-826-11 CERAMIC CHIP 0.1uF	10.00% 16V			< TRANSISTOR >	
	C731	1-165-176-11 CERAMIC CHIP 0.047uF	10.00% 16V	Q701	8-729-054-57	TRANSISTOR KTN2907AS-RTK	
	C732	1-104-665-11 ELECT 100uF	20.00% 10V			< RESISTOR >	
	C733	1-104-665-11 ELECT 100uF	20.00% 10V	R701	1-216-841-11	METAL CHIP 47K	5% 1/16W
	C734	1-162-968-11 CERAMIC CHIP 0.0047uF	10% 50V	R702	1-216-835-11	METAL CHIP 15K	5% 1/16W
	C735	1-126-916-11 ELECT 1000uF	20.00% 6.3V	R703	1-216-835-11	METAL CHIP 15K	5% 1/16W
	C736	1-162-968-11 CERAMIC CHIP 0.0047uF	10% 50V	R704	1-216-835-11	METAL CHIP 15K	5% 1/16W
	C738	1-164-156-11 CERAMIC CHIP 0.1uF	25V	R705	1-216-835-11	METAL CHIP 15K	5% 1/16W

CD	CONTROL (CD)	CONTROL (POWER)	CONTROL (VOL)
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Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks			
R706	1-216-841-11	METAL CHIP	47K	5%	1/16W	*	1-684-458-11	CONTROL (POWER) BOARD						
R707	1-216-797-11	METAL CHIP	10	5%	1/16W					*****				
R708	1-216-833-11	METAL CHIP	10K	5%	1/16W									
R709	1-216-837-11	METAL CHIP	22K	5%	1/16W					< CABLE HOLDER >				
R710	1-216-829-11	METAL CHIP	4.7K	5%	1/16W									
						*	KH404	1-565-384-11	HOLDER, CABLE 3P					
R711	1-216-815-11	METAL CHIP	330	5%	1/16W						< RESISTOR >			
R712	1-216-809-11	METAL CHIP	100	5%	1/16W									
R714	1-216-811-11	METAL CHIP	150	5%	1/16W				R401	1-216-817-11	METAL CHIP	470	5%	1/16W
R715	1-216-811-11	METAL CHIP	150	5%	1/16W				R402	1-216-813-11	METAL CHIP	220	5%	1/16W
R716	1-216-821-11	METAL CHIP	1K	5%	1/16W	R403	1-216-821-11	METAL CHIP	1K	5%	1/16W			
R717	1-216-821-11	METAL CHIP	1K	5%	1/16W									
R718	1-216-821-11	METAL CHIP	1K	5%	1/16W									
R719	1-216-809-11	METAL CHIP	100	5%	1/16W									
R720	1-216-809-11	METAL CHIP	100	5%	1/16W	S401	1-771-349-21	SWITCH, TACT (POWER)						
R721	1-216-821-11	METAL CHIP	1K	5%	1/16W	S402	1-771-349-21	SWITCH, TACT (SLEEP)						

R722	1-216-809-11	METAL CHIP	100	5%	1/16W	*	1-684-459-11	CONTROL (VOL) BOARD						
R723	1-216-809-11	METAL CHIP	100	5%	1/16W					*****				
R724	1-216-841-11	METAL CHIP	47K	5%	1/16W									
R725	1-216-819-11	METAL CHIP	680	5%	1/16W					< CONNECTOR >				
R726	1-216-819-11	METAL CHIP	680	5%	1/16W									
						CNP401	1-784-726-11	CONNECTOR, FFC 4P						
R727	1-216-825-11	METAL CHIP	2.2K	5%	1/16W					< DIODE >				
R728	1-216-833-11	METAL CHIP	10K	5%	1/16W									
R729	1-216-813-11	METAL CHIP	220	5%	1/16W									
R730	1-216-821-11	METAL CHIP	1K	5%	1/16W									
R731	1-216-825-11	METAL CHIP	2.2K	5%	1/16W	D401	8-719-085-33	DIODE SLI-343URCT32WST						
								(POWER DRIVE WOOFER)						
R732	1-216-841-11	METAL CHIP	47K	5%	1/16W			(only for the cabinet color is black)						
R741	1-218-867-11	RES-CHIP	6.8K	5%	1/10W	D401	6-500-284-01	DIODE DB3804X(POWER DRIVE WOOFER)						
R743	1-218-867-11	RES-CHIP	6.8K	5%	1/10W			(only for the cabinet color is silver)						
R744	1-216-845-11	METAL CHIP	100K	5%	1/16W			< CABLE HOLDER >						
						*	KH402	1-565-386-11	HOLDER, CABLE 5P					
											< RESISTOR >			
S701	1-571-936-11	SWITCH, LEAF (LIMITIN)												
X701	1-781-801-21	VIBRATOR, CERAMIC 16.93MHz				R411	1-216-817-11	METAL CHIP	470	5%	1/16W			
*****						R412	1-216-813-11	METAL CHIP	220	5%	1/16W			
						R413	1-216-821-11	METAL CHIP	1K	5%	1/16W			
						R414	1-216-821-11	METAL CHIP	1K	5%	1/16W			
*	1-684-460-11	CONTROL (CD) BOARD				R415	1-216-825-11	METAL CHIP	2.2K	5%	1/16W			

						R416	1-216-825-11	METAL CHIP	2.2K	5%	1/16W			
						R417	1-216-821-11	METAL CHIP	1K	5%	1/16W			
						R418	1-216-829-11	METAL CHIP	4.7K	5%	1/16W			
						R419	1-216-825-11	METAL CHIP	2.2K	5%	1/16W			
* KH403	1-573-287-11	HOLDER, CABLE 2P				R420	1-216-837-11	METAL CHIP	22K	5%	1/16W			

HEADPHONE L-R/REG LCD MAIN

Ref. No.	Part No.	Description	Remarks
*	1-684-457-11	HEADPHONE BOARD *****	
		< CONNECTOR >	
* CNP391	1-785-657-21	PIN, CONNECTOR (PC BOARD) 5P	
* CNP392	1-785-656-21	PIN, CONNECTOR (PC BOARD) 4P	
* CNP393	1-785-656-11	PIN, CONNECTOR (PC BOARD) 4P	
* CNP394	1-785-656-11	PIN, CONNECTOR (PC BOARD) 4P	
		< JACK >	
J391	1-794-016-11	JACK (㊦)	
		< RESISTOR >	
R191	1-247-807-31	CARBON 100 5% 1/4W	
R192	1-216-821-11	METAL CHIP 1K 5% 1/16W	
R291	1-247-807-31	CARBON 100 5% 1/4W	
R292	1-216-821-11	METAL CHIP 1K 5% 1/16W	

*	A-3178-395-A	L-R/REG BOARD, COMPLETE *****	
	3-238-232-01	CHASSIS (HS.L)	
	3-703-150-11	CLAMP	
	4-960-167-01	SCREW (3X8) (DIA. 10), +WH	
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
		< CAPACITOR >	
C171	1-126-947-11	ELECT 47uF 20.00% 10V	
C172	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C173	1-126-947-11	ELECT 47uF 20.00% 10V	
C174	1-126-926-11	ELECT 1000uF 20.00% 10V	
C175	1-136-165-00	FILM 0.1uF 5.00% 50V	
C271	1-126-947-11	ELECT 47uF 20.00% 10V	
C272	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C273	1-126-947-11	ELECT 47uF 20.00% 10V	
C274	1-126-926-11	ELECT 1000uF 20.00% 10V	
C275	1-136-165-00	FILM 0.1uF 5.00% 50V	
C371	1-104-665-11	ELECT 100uF 20.00% 10V	
C972	1-164-156-11	CERAMIC CHIP 0.1uF 25V	
		< CONNECTOR >	
* CNP371	1-785-655-21	PIN, CONNECTOR (PC BOARD) 3P	
* CNP372	1-785-655-11	PIN, CONNECTOR (PC BOARD) 3P	
* CNP373	1-785-657-11	PIN, CONNECTOR (PC BOARD) 5P	
		< IC >	
IC371	8-759-426-51	IC BA5417	
		< CABLE HOLDER >	
* KH374	1-565-385-11	HOLDER, CABLE 4P	
		< TRANSISTOR >	
Q171	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q271	8-729-281-53	TRANSISTOR 2SC1815GR-TPE2	
Q972	8-729-037-08	TRANSISTOR KTD2058Y	

Ref. No.	Part No.	Description	Remarks
		< RESISTOR >	
R171	1-216-841-11	METAL CHIP 47K 5% 1/16W	
R172	1-216-837-11	METAL CHIP 22K 5% 1/16W	
R173	1-216-825-11	METAL CHIP 2.2K 5% 1/16W	
R174	1-216-833-11	METAL CHIP 10K 5% 1/16W	
R175	1-216-813-11	METAL CHIP 220 5% 1/16W	
R176	1-216-805-11	METAL CHIP 47 5% 1/16W	
R177	1-249-389-11	CARBON 4.7 5% 1/4W F	
R271	1-216-841-11	METAL CHIP 47K 5% 1/16W	
R272	1-216-837-11	METAL CHIP 22K 5% 1/16W	
R273	1-216-825-11	METAL CHIP 2.2K 5% 1/16W	
R274	1-216-833-11	METAL CHIP 10K 5% 1/16W	
R275	1-216-813-11	METAL CHIP 220 5% 1/16W	
R276	1-216-805-11	METAL CHIP 47 5% 1/16W	
R277	1-249-389-11	CARBON 4.7 5% 1/4W F	
R371	1-216-833-11	METAL CHIP 10K 5% 1/16W	

*	1-684-454-11	LCD BOARD *****	
	3-238-938-01	HOLDER, LCD	
		< CAPACITOR >	
C891	1-164-227-11	CERAMIC CHIP 0.022uF 10% 25V	
		< CONNECTOR >	
* CNP891	1-784-748-11	CONNECTOR, FFC 26P	
		< DIODE >	
D893	8-719-059-97	DIODE L-34HD (OPR/BATT)	
		< IC >	
IC891	8-749-014-88	IC SPS-440-E (㊦)	
		< LIQUID CRYSTAL DISPLAY >	
LCD891	1-804-640-11	DISPLAY PANEL, LIQUID CRYSTAL	
		< RESISTOR >	
R891	1-216-841-11	METAL CHIP 47K 5% 1/16W	
R892	1-216-813-11	METAL CHIP 220 5% 1/16W	
R893	1-216-817-11	METAL CHIP 470 5% 1/16W	
R894	1-216-813-11	METAL CHIP 220 5% 1/16W	
R895	1-216-817-11	METAL CHIP 470 5% 1/16W	

*	A-3178-397-A	MAIN BOARD, COMPLETE (US,E92,MX) *****	
*	A-3178-469-A	MAIN BOARD, COMPLETE (CND) *****	
*	A-3178-471-A	MAIN BOARD, COMPLETE (AR) *****	
*	A-3178-472-A	MAIN BOARD, COMPLETE (SP) *****	
*	A-3178-473-A	MAIN BOARD, COMPLETE (AUS) *****	
		< CAPACITOR >	
C123	1-126-961-11	ELECT 2.2uF 20.00% 50V	
C124	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
C126	1-126-961-11	ELECT 2.2uF 20.00% 50V	

Ref. No.	Part No.	Description	Remarks			Ref. No.	Part No.	Description	Remarks			
C127	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	C841	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C129	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	C846	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	
C130	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	C953	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C131	1-126-960-11	ELECT	1uF	20.00%	50V	C955	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C132	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	C957	1-126-934-11	ELECT	220uF	20.00%	10V	
C223	1-126-961-11	ELECT	2.2uF	20.00%	50V	C958	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C224	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C959	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C226	1-126-961-11	ELECT	2.2uF	20.00%	50V	C960	1-126-934-11	ELECT	220uF	20.00%	10V	
C227	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	C961	1-126-934-11	ELECT	220uF	20.00%	10V	
C229	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	< CONNECTOR >						
C230	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	* CNP302	1-785-658-11	PIN, CONNECTOR (PC BOARD) 6P				
C231	1-126-960-11	ELECT	1uF	20.00%	50V		* CNP801	1-784-787-11	CONNECTOR, FFC 26P			
C232	1-162-927-11	CERAMIC CHIP	100PF	5%	50V		* CNP802	1-784-736-11	CONNECTOR, FFC 14P			
C321	1-162-962-11	CERAMIC CHIP	470PF	10%	50V		CNP804	1-784-765-11	CONNECTOR, FFC 4P			
(EXCEPT AUS)						CNP805	1-784-733-11	CONNECTOR, FFC 11P				
C322	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	< DIODE >						
C323	1-126-959-11	ELECT	0.47uF	20.00%	50V	D320	8-719-991-33	DIODE	1SS133T-77			
C324	1-126-947-11	ELECT	47uF	20.00%	10V	D323	8-719-991-33	DIODE	1SS133T-77			
C325	1-104-665-11	ELECT	100uF	20.00%	10V	D324	8-719-991-33	DIODE	1SS133T-77			
C326	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V	D806	8-719-991-33	DIODE	1SS133T-77			
C327	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	D807	8-719-991-33	DIODE	1SS133T-77			
C333	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D808	8-719-109-89	DIODE	MTZJ-T-77-5.6B			
C334	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	D951	8-719-991-33	DIODE	1SS133T-77(CND,AUS,AR,SP)			
C336	1-126-947-11	ELECT	47uF	20.00%	10V	D952	8-719-991-33	DIODE	1SS133T-77(CND,AUS,AR,SP)			
C337	1-126-960-11	ELECT	1uF	20.00%	50V	D953	8-719-991-33	DIODE	1SS133T-77(CND,AUS,AR,SP)			
C338	1-126-964-11	ELECT	10uF	20.00%	50V	D955	8-719-109-97	DIODE	MTZJ-T-77-6.8B			
C339	1-104-665-11	ELECT	100uF	20.00%	10V	D956	8-719-109-72	DIODE	MTZJ-T-77-3.9B			
C341	1-128-551-11	ELECT	22uF	20.00%	25V	D957	8-719-991-33	DIODE	1SS133T-77(CND,AUS,AR,SP)			
C342	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	< IC >						
C347	1-126-768-11	ELECT	2200uF	20.00%	16V	IC321	6-701-824-11	IC	BD3870FS-E2			
C348	1-126-768-11	ELECT	2200uF	20.00%	16V	IC801	6-801-780-01	IC	uPD789478GC-A03-8BT			
C349	1-126-934-11	ELECT	220uF	20.00%	16V	IC802	8-759-658-46	IC	S-81233SGY-Z			
C350	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V	IC803	8-759-487-03	IC	BR24C01AF-WE2			
C801	1-126-960-11	ELECT	1uF	20.00%	50V	IC805	8-759-645-87	IC	PST9128-T			
C802	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	< JUMPER RESISTOR >						
C803	1-126-934-11	ELECT	220uF	20.00%	10V	JC136	1-216-864-11	METAL CHIP	0	5%	1/16W	
C807	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	JC236	1-216-864-11	METAL CHIP	0	5%	1/16W	
C808	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	JC307	1-216-864-11	METAL CHIP	0	5%	1/16W	
C810	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	JC801	1-216-864-11	METAL CHIP	0	5%	1/16W	
C812	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	JC803	1-216-864-11	METAL CHIP	0	5%	1/16W	
C814	1-128-551-11	ELECT	22uF	20.00%	25V	JC804	1-216-864-11	METAL CHIP	0	5%	1/16W	
C816	1-126-934-11	ELECT	220uF	20.00%	10V	JC953	1-216-864-11	METAL CHIP	0	5%	1/16W	
C817	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	< CABLE HOLDER >						
C818	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	* KH301	1-565-386-11	HOLDER, CABLE	5P			
C824	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	* KH303	1-565-385-11	HOLDER, CABLE	4P			
C825	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	* KH304	1-565-384-11	HOLDER, CABLE	3P			
C826	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	* KH305	1-565-384-11	HOLDER, CABLE	3P			
C827	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	* KH306	1-565-385-11	HOLDER, CABLE	4P			
C828	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	* KH307	1-565-386-11	HOLDER, CABLE	5P			
C829	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	< COIL >						
C830	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	L802	1-410-521-11	INDUCTOR	100uH			
C831	1-162-927-11	CERAMIC CHIP	100PF	5%	50V							
C832	1-162-927-11	CERAMIC CHIP	100PF	5%	50V							
C833	1-162-927-11	CERAMIC CHIP	100PF	5%	50V							
C834	1-162-927-11	CERAMIC CHIP	100PF	5%	50V							
C835	1-162-927-11	CERAMIC CHIP	100PF	5%	50V							
C838	1-126-959-11	ELECT	0.47uF	20.00%	50V							
C839	1-126-959-11	ELECT	0.47uF	20.00%	50V							

Ref. No.	Part No.	Description				Remarks	Ref. No.	Part No.	Description				Remarks
< TRANSISTOR >							R813	1-216-821-11	METAL CHIP	1K	5%	1/16W	
							R814	1-216-821-11	METAL CHIP	1K	5%	1/16W	
Q321	8-729-281-53	TRANSISTOR	2SC1815GR-TPE2				R815	1-216-809-11	METAL CHIP	100	5%	1/16W	
Q322	8-729-281-53	TRANSISTOR	2SC1815GR-TPE2				R816	1-216-809-11	METAL CHIP	100	5%	1/16W	
Q810	8-729-029-26	TRANSISTOR	DTA114YSA-TP				R817	1-216-809-11	METAL CHIP	100	5%	1/16W	
Q951	8-729-036-61	TRANSISTOR	KRC105M-AT(CND,AUS,AR,SP)										
Q952	8-729-195-23	TRANSISTOR	2SA952TP-K1K2				R818	1-216-821-11	METAL CHIP	1K	5%	1/16W	
							R819	1-216-821-11	METAL CHIP	1K	5%	1/16W	
Q953	8-729-029-92	TRANSISTOR	DTC143ESA-TP				R820	1-216-821-11	METAL CHIP	1K	5%	1/16W	
Q954	8-729-281-53	TRANSISTOR	2SC1815GR-TPE2				R821	1-216-821-11	METAL CHIP	1K	5%	1/16W	
Q955	8-729-029-26	TRANSISTOR	DTA114YSA-TP				R822	1-216-821-11	METAL CHIP	1K	5%	1/16W	
Q956	8-729-011-92	TRANSISTOR	2SC2001TP-K1K2										
< RESISTOR >							R823	1-216-821-11	METAL CHIP	1K	5%	1/16W	
							R824	1-216-821-11	METAL CHIP	1K	5%	1/16W	
							R825	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R123	1-216-829-11	METAL CHIP	4.7K	5%	1/16W		R826	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R125	1-216-829-11	METAL CHIP	4.7K	5%	1/16W		R827	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R126	1-216-821-11	METAL CHIP	1K	5%	1/16W								
R127	1-216-833-11	METAL CHIP	10K	5%	1/16W		R828	1-216-841-11	METAL CHIP	47K	5%	1/16W	
R134	1-216-853-11	METAL CHIP	470K	5%	1/16W		R829	1-216-821-11	METAL CHIP	1K	5%	1/16W	
							R830	1-216-813-11	METAL CHIP	220	5%	1/16W	
R223	1-216-829-11	METAL CHIP	4.7K	5%	1/16W		R831	1-216-864-11	METAL CHIP	0	5%	1/16W	
R225	1-216-829-11	METAL CHIP	4.7K	5%	1/16W		R832	1-216-809-11	METAL CHIP	100	5%	1/16W	
R226	1-216-821-11	METAL CHIP	1K	5%	1/16W								
R227	1-216-833-11	METAL CHIP	10K	5%	1/16W		R833	1-216-864-11	METAL CHIP	0	5%	1/16W	
R234	1-216-853-11	METAL CHIP	470K	5%	1/16W		R835	1-216-864-11	METAL CHIP	0	5%	1/16W	
							R836	1-216-841-11	METAL CHIP	47K	5%	1/16W	
R325	1-216-821-11	METAL CHIP	1K	5%	1/16W		R837	1-216-841-11	METAL CHIP	47K	5%	1/16W	
R326	1-216-825-11	METAL CHIP	2.2K	5%	1/16W		R839	1-216-841-11	METAL CHIP	47K	5%	1/16W	
R328	1-216-821-11	METAL CHIP	1K	5%	1/16W								
R331	1-216-825-11	METAL CHIP	2.2K	5%	1/16W		R840	1-216-841-11	METAL CHIP	47K	5%	1/16W	
R332	1-216-853-11	METAL CHIP	470K	5%	1/16W		R859	1-216-864-11	METAL CHIP	0	5%	1/16W	
							R860	1-216-841-11	METAL CHIP	47K	5%	1/16W	
R333	1-216-833-11	METAL CHIP	10K	5%	1/16W		R864	1-216-817-11	METAL CHIP	470	5%	1/16W	
R335	1-216-837-11	METAL CHIP	22K	5%	1/16W		R865	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R336	1-216-833-11	METAL CHIP	10K	5%	1/16W								
R337	1-216-837-11	METAL CHIP	22K	5%	1/16W		R866	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R338	1-216-825-11	METAL CHIP	2.2K	5%	1/16W		R867	1-216-864-11	METAL CHIP	0	5%	1/16W	
							R868	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R339	1-216-821-11	METAL CHIP	1K	5%	1/16W		R869	1-216-837-11	METAL CHIP	22K	5%	1/16W	
R340	1-216-821-11	METAL CHIP	1K	5%	1/16W		R870	1-216-864-11	METAL CHIP	0	5%	1/16W	
R341	1-216-821-11	METAL CHIP	1K	5%	1/16W								
R343	1-216-821-11	METAL CHIP	1K	5%	1/16W		R871	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	
R348	1-216-821-11	METAL CHIP	1K	5%	1/16W		R873	1-216-853-11	METAL CHIP	470K	5%	1/16W	
							R874	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R801	1-216-864-11	METAL CHIP	0	5%	1/16W		R875	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	
R802	1-216-829-11	METAL CHIP	4.7K	5%	1/16W		R876	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	
R803	1-216-864-11	METAL CHIP	0	5%	1/16W								
					(US,CND,E92,MX)		R879	1-216-813-11	METAL CHIP	220	5%	1/16W	
R803	1-216-817-11	METAL CHIP	470	5%	1/16W		R881	1-216-821-11	METAL CHIP	1K	5%	1/16W	
					(SP)		R882	1-216-833-11	METAL CHIP	10K	5%	1/16W	
R803	1-216-829-11	METAL CHIP	4.7K	5%	1/16W		R883	1-216-833-11	METAL CHIP	10K	5%	1/16W	
					(AR)		R885	1-216-841-11	METAL CHIP	47K	5%	1/16W	
R803	1-216-833-11	METAL CHIP	10K	5%	1/16W		R886	1-216-821-11	METAL CHIP	1K	5%	1/16W	
					(AUS)		R887	1-216-821-11	METAL CHIP	1K	5%	1/16W	
R804	1-216-864-11	METAL CHIP	0	5%	1/16W		R889	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	
					(EXCEPT SP)		R896	1-216-829-11	METAL CHIP	4.7K	5%	1/16W	
R804	1-216-813-11	METAL CHIP	220	5%	1/16W		R898	1-216-853-11	METAL CHIP	470K	5%	1/16W	
					(SP)								
R805	1-216-864-11	METAL CHIP	0	5%	1/16W		R899	1-216-841-11	METAL CHIP	47K	5%	1/16W	
R806	1-216-864-11	METAL CHIP	0	5%	1/16W		R951	1-216-845-11	METAL CHIP	100K	5%	1/16W	
							R952	1-249-421-11	CARBON	2.2K	5%	1/4W F	
R807	1-216-864-11	METAL CHIP	0	5%	1/16W		R954	1-249-413-11	CARBON	470	5%	1/4W F	
R808	1-216-864-11	METAL CHIP	0	5%	1/16W		R955	1-216-809-11	METAL CHIP	100	5%	1/16W	
R809	1-216-821-11	METAL CHIP	1K	5%	1/16W								
R810	1-216-864-11	METAL CHIP	0	5%	1/16W		R956	1-249-413-11	CARBON	470	5%	1/4W F	
R812	1-216-864-11	METAL CHIP	0	5%	1/16W		R958	1-216-821-11	METAL CHIP	1K	5%	1/16W	
							R960	1-216-809-11	METAL CHIP	100	5%	1/16W	

MAIN

PDW

POWER

TC

Ref. No.	Part No.	Description	Remarks			Ref. No.	Part No.	Description	Remarks		
R961	1-216-821-11	METAL CHIP	1K	5%	1/16W (CND,AUS,AR,SP)			< RESISTOR >			
R964	1-216-809-11	METAL CHIP	100	5%	1/16W	R351	1-216-829-11	METAL CHIP	4.7K	5% 1/16W	
R965	1-216-817-11	METAL CHIP	470	5%	1/16W	R353	1-216-829-11	METAL CHIP	4.7K	5% 1/16W	
		< VIBRATOR >				R356	1-216-821-11	METAL CHIP	1K	5% 1/16W	
						R357	1-216-817-11	METAL CHIP	470	5% 1/16W	
X801	1-781-775-21	VIBRATOR, CERAMIC 4.19MHZ				R359	1-216-797-11	METAL CHIP	10	5% 1/16W	
X802	1-579-616-31	VIBRATOR, CRYSTAL 32.76kHz									

*	A-3178-396-A	PDW BOARD, COMPLETE(US,CND,E92,MX)				R360	1-216-797-11	METAL CHIP	10	5% 1/16W	
		*****				R361	1-216-825-11	METAL CHIP	2.2K	5% 1/16W	
*	A-3178-479-A	PDW BOARD,COMPLETE(AUS,AR,SP)				R362	1-216-825-11	METAL CHIP	2.2K	5% 1/16W	
		*****				R363	1-216-825-11	METAL CHIP	2.2K	5% 1/16W	
	3-238-233-01	CHASSIS (HS.R)				R364	1-216-857-11	METAL CHIP	1M	5% 1/16W	
	3-703-150-11	CLAMP									
	4-960-167-01	SCREW (3X8) (DIA. 10), +WH				R365	1-216-857-11	METAL CHIP	1M	5% 1/16W	
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S				R366	1-216-833-11	METAL CHIP	10K	5% 1/16W	
		< CAPACITOR >				*****					
								< CAPACITOR >			
C351	1-104-665-11	ELECT	100uF	20.00%	10V						
C352	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	C901	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V (US,CND,E92,MX)	
C353	1-104-665-11	ELECT	100uF	20.00%	10V						
C354	1-104-665-11	ELECT	100uF	20.00%	10V	C901	1-115-339-11	CERAMIC CHIP	0.1uF	10.00% 50V (AUS,AR,SP)	
C355	1-104-665-11	ELECT	100uF	20.00%	10V						
						C902	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V (US,CND,E92,MX)	
C356	1-104-665-11	ELECT	100uF	20.00%	10V						
C357	1-136-165-00	FILM	0.1uF	5.00%	50V (US,CND,E92,MX)	C902	1-115-339-11	CERAMIC CHIP	0.1uF	10.00% 50V (AUS,AR,SP)	
C358	1-136-165-00	FILM	0.1uF	5.00%	50V (US,CND,E92,MX)	C903	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V (US,CND,E92,MX)	
C359	1-128-551-11	ELECT	22uF	20.00%	25V						
C360	1-126-963-11	ELECT	4.7uF	20.00%	50V	C903	1-115-339-11	CERAMIC CHIP	0.1uF	10.00% 50V (AUS,AR,SP)	
C361	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C904	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V (US,CND,E92,MX)	
C362	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V (AUS,AR,SP)						
						C904	1-115-339-11	CERAMIC CHIP	0.1uF	10.00% 50V (AUS,AR,SP)	
C363	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V (AUS,AR,SP)						
								< JACK >			
C364	1-136-165-00	FILM	0.1uF	5.00%	50V (AUS,AR,SP)	△ CNJ901	1-540-009-11	INLET, AC(US)			
						△ CNJ901	1-526-818-11	INLET, AC(E92,MX)			
C365	1-136-165-00	FILM	0.1uF	5.00%	50V (AUS,AR,SP)	△ CNJ901	1-526-838-11	INLET, AC 2P(AUS,AR,SP)			
								< CONNECTOR >			
C366	1-162-927-11	CERAMIC CHIP	100PF	5%	50V						
		< CONNECTOR >				* CNP902	1-785-656-11	PIN, CONNECTOR (PC BOARD) 4P			
* CNP351	1-785-656-21	PIN, CONNECTOR (PC BOARD) 4P				* CNP903	1-785-657-11	PIN, CONNECTOR (PC BOARD) 5P			
* CNP352	1-785-656-11	PIN, CONNECTOR (PC BOARD) 4P						< DIODE >			
		< DIODE >									
						D901	8-719-046-07	DIODE 2A02M			
D351	8-719-991-33	DIODE 1SS133T-77				D902	8-719-046-07	DIODE 2A02M			
D352	8-719-991-33	DIODE 1SS133T-77				D903	8-719-046-07	DIODE 2A02M			
						D904	8-719-046-07	DIODE 2A02M			
		< IC >				*****					
IC351	8-759-426-51	IC BA5417				A-3178-403-A	TC BOARD, COMPLETE				

		< CABLE HOLDER >									
						3-222-726-01	CHASSIS (TC)				
* KH353	1-565-386-11	HOLDER, CABLE 5P				7-685-783-09	SCREW +PTT 2X6 (S)				
		< TRANSISTOR >						< CAPACITOR >			
Q351	8-729-281-53	TRANSISTOR	2SC1815GR-TPE2			C101	1-162-964-11	CERAMIC CHIP	0.001uF	10% 50V	
Q354	8-729-011-92	TRANSISTOR	2SC2001TP-K1K2								

Ref. No.	Part No.	Description	Remarks		
C102	1-104-665-11	ELECT	100uF	20.00%	10V
C103	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V
C104	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C105	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C107	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C201	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C202	1-104-665-11	ELECT	100uF	20.00%	10V
C203	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V
C204	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C205	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C207	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C301	1-104-665-11	ELECT	100uF	20.00%	10V
C302	1-104-665-11	ELECT	100uF	20.00%	10V
C303	1-104-665-11	ELECT	100uF	20.00%	10V
C304	1-126-947-11	ELECT	47uF	20.00%	10V
C305	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C306	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C307	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
< CONNECTOR >					
CN303	1-568-830-11	CONNECTOR, FFC 11P			
< IC >					
IC301	8-759-264-71	IC TA2068N			
< JUMPER RESISTOR >					
JC301	1-216-864-11	METAL CHIP	0	5%	1/16W
JC302	1-216-864-11	METAL CHIP	0	5%	1/16W
JC303	1-216-864-11	METAL CHIP	0	5%	1/16W
JC304	1-216-864-11	METAL CHIP	0	5%	1/16W
JC305	1-216-864-11	METAL CHIP	0	5%	1/16W
JC306	1-216-295-91	SHORT	0		
JC307	1-216-864-11	METAL CHIP	0	5%	1/16W
JC308	1-216-295-91	SHORT	0		
< TRANSISTOR >					
Q301	8-729-120-28	TRANSISTOR	2SC2412K-T-146-R		
< RESISTOR >					
R101	1-216-835-11	METAL CHIP	15K	5%	1/16W
R102	1-216-807-11	METAL CHIP	68	5%	1/16W
R103	1-216-843-11	METAL CHIP	68K	5%	1/16W
R104	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R105	1-216-835-11	METAL CHIP	15K	5%	1/16W
R106	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R110	1-216-809-11	METAL CHIP	100	5%	1/16W
R111	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R112	1-216-835-11	METAL CHIP	15K	5%	1/16W
R201	1-216-835-11	METAL CHIP	15K	5%	1/16W
R202	1-216-807-11	METAL CHIP	68	5%	1/16W
R203	1-216-843-11	METAL CHIP	68K	5%	1/16W
R204	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R205	1-216-835-11	METAL CHIP	15K	5%	1/16W
R206	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R210	1-216-025-11	RES-CHIP	100	5%	1/10W
R211	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R212	1-216-835-11	METAL CHIP	15K	5%	1/16W
R301	1-216-857-11	METAL CHIP	1M	5%	1/16W

Ref. No.	Part No.	Description	Remarks		
R302	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R303	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R304	1-216-821-11	METAL CHIP	1K	5%	1/16W
R305	1-216-817-11	METAL CHIP	470	5%	1/16W
R306	1-218-867-11	RES-CHIP	6.8K	5%	1/10W
R307	1-216-797-11	METAL CHIP	10	5%	1/16W
R308	1-216-837-11	METAL CHIP	22K	5%	1/16W
R309	1-216-805-11	METAL CHIP	47	5%	1/16W
R314	1-216-817-11	METAL CHIP	470	5%	1/16W
R315	1-216-817-11	METAL CHIP	470	5%	1/16W
< SWITCH >					
S301	1-762-565-11	SWITCH, SLIDE (REC)			
< TRANSFORMER >					
T301	1-416-041-11	TRANSFORMER, BIAS OSCILLATION	*****		
*	1-684-452-11	TRANS BOARD	*****		
	1-533-233-31	HOLDER, FUSE			
< FUSE >					
△ F902	1-532-465-11	FUSE, TIME LAG 3.15A/250V(AUS,AR,SP)			
△ F902	1-576-109-11	FUSE 5A/125V(US,E92,MX)			
< TRANSFORMER >					
△ T901	1-437-644-11	TRANSFORMER, POWER(US,E92,MX)			
△ T901	1-437-645-11	TRANSFORMER, POWER(AUS,AR,SP)	*****		
*	A-3323-779-A	TUNER BOARD, COMPLETE (US,CND,E92,MX)	*****		
*	A-3323-815-A	TUNER BOARD, COMPLETE (AUS,AR,SP)	*****		
< CAPACITOR >					
C1	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C4	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C7	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C8	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C9	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C10	1-126-960-11	ELECT	1uF	20.00%	50V
C11	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V
C12	1-126-963-11	ELECT	4.7uF	20.00%	50V
C13	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C14	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V (US,CND,E92,MX)
C14	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (AUS,AR,SP)
C15	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V (US,CND,E92,MX)
C15	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (AUS,AR,SP)
C18	1-126-934-11	ELECT	220uF	20.00%	10V
C20	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V
C21	1-126-960-11	ELECT	1uF	20.00%	50V

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C22	1-107-826-11	CERAMIC CHIP	0.1uF 10.00% 16V			< IC >	
C23	1-126-960-11	ELECT	1uF 20.00% 50V				
C24	1-162-960-11	CERAMIC CHIP	220PF 10% 50V	IC1	6-700-512-01	IC TA2149BN	
C26	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	IC2	8-759-483-40	IC LC72137M-TLM	
C27	1-162-927-11	CERAMIC CHIP	100PF 5% 50V			< JUMPER RESISTOR >	
C29	1-104-665-11	ELECT	100uF 20.00% 10V	JC1	1-216-864-11	METAL CHIP	0 5% 1/16W
C30	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	JC2	1-216-864-11	METAL CHIP	0 5% 1/16W
C31	1-162-919-11	CERAMIC CHIP	22PF 5% 50V	JC3	1-216-864-11	METAL CHIP	0 5% 1/16W
C32	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	JC4	1-216-864-11	METAL CHIP	0 5% 1/16W
C33	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	JC5	1-216-864-11	METAL CHIP	0 5% 1/16W
C34	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	JC6	1-216-864-11	METAL CHIP	0 5% 1/16W
C35	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	JC11	1-216-864-11	METAL CHIP	0 5% 1/16W
C37	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	JC12	1-216-864-11	METAL CHIP	0 5% 1/16W
C39	1-107-826-11	CERAMIC CHIP	0.1uF 10.00% 16V	JC13	1-216-864-11	METAL CHIP	0 5% 1/16W
C41	1-164-230-11	CERAMIC CHIP	220PF 5.00% 50V	JC24	1-216-864-11	METAL CHIP	0 5% 1/16W
C42	1-162-927-11	CERAMIC CHIP	100PF 5% 50V			(AUS,AR,SP)	
C43	1-162-919-11	CERAMIC CHIP	22PF 5% 50V	JC33	1-216-864-11	METAL CHIP	0 5% 1/16W
C47	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V	JC34	1-216-864-11	METAL CHIP	0 5% 1/16W
C49	1-161-051-00	CERAMIC	0.01uF 10% 50V			< COIL >	
C51	1-162-919-11	CERAMIC CHIP	22PF 5% 50V	L1	1-409-775-11	COIL, AIR-CORE	
C52	1-162-915-11	CERAMIC CHIP	10PF 0.5PF 50V	L2	1-416-509-11	COIL, AIR-CORE	
C53	1-136-169-00	FILM	0.22uF 5.00% 50V	L3	1-428-947-11	COIL, FERRITE-ROD ANTENNA	
C54	1-126-934-11	ELECT	220uF 20.00% 10V	L3	1-754-117-11	ANTENNA, FERRITE-ROD (MW)	
C55	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	L4	1-411-234-21	COIL, AM OSC	
C56	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	L11	1-414-142-11	INDUCTOR	1uH(US,E92,MX)
C57	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	L21	1-410-509-11	INDUCTOR	10uH
C59	1-162-927-11	CERAMIC CHIP	100PF 5% 50V			< RESISTOR >	
C60	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	R1	1-216-815-11	METAL CHIP	330 5% 1/16W
C61	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	R2	1-216-817-11	METAL CHIP	470 5% 1/16W
C62	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	R3	1-216-833-11	METAL CHIP	10K 5% 1/16W
C63	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	R4	1-216-833-11	METAL CHIP	10K 5% 1/16W
C65	1-126-963-11	ELECT	4.7uF 20.00% 50V	R10	1-216-805-11	METAL CHIP	47 5% 1/16W
C66	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	R11	1-216-827-11	METAL CHIP	3.3K 5% 1/16W
C68	1-162-927-11	CERAMIC CHIP	100PF 5% 50V	R13	1-216-825-11	METAL CHIP	2.2K 5% 1/16W
C77	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	R24	1-216-813-11	METAL CHIP	220 5% 1/16W
			(AUS,AR,SP)	R30	1-216-835-11	METAL CHIP	15K 5% 1/16W
C78	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	R31	1-216-827-11	METAL CHIP	3.3K 5% 1/16W
			(AUS,AR,SP)	R32	1-216-845-11	METAL CHIP	100K 5% 1/16W
C80	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V	R40	1-216-849-11	METAL CHIP	220K 5% 1/16W
C95	1-162-964-11	CERAMIC CHIP	0.001uF 10% 50V	R41	1-216-833-11	METAL CHIP	10K 5% 1/16W
		< FILTER >		R50	1-216-821-11	METAL CHIP	1K 5% 1/16W
CF2	1-760-233-71	FILTER, CERAMIC		R51	1-216-833-11	METAL CHIP	10K 5% 1/16W
CF4	1-781-962-21	FILTER, CERAMIC		R52	1-216-864-11	METAL CHIP	0 5% 1/16W
		< CONNECTOR >		R53	1-216-835-11	METAL CHIP	15K 5% 1/16W
* CNP1	1-564-713-11	PIN, CONNECTOR (SMALL TYPE)11P		R54	1-216-817-11	METAL CHIP	470 5% 1/16W
		< TRIMMER >		R56	1-216-815-11	METAL CHIP	330 5% 1/16W
CT1	1-141-603-11	CAP, ADJ		R58	1-216-825-11	METAL CHIP	2.2K 5% 1/16W
CT3	1-141-601-11	CAP, ADJ		R59	1-216-825-11	METAL CHIP	2.2K 5% 1/16W
		< DIODE >		R60	1-216-825-11	METAL CHIP	2.2K 5% 1/16W
D1	8-719-078-48	DIODE KV1471ETR1-3		R61	1-216-825-11	METAL CHIP	2.2K 5% 1/16W
D2	8-719-078-48	DIODE KV1471ETR1-3		R63	1-216-833-11	METAL CHIP	10K 5% 1/16W
D3	8-719-050-69	DIODE KV1520NT		R65	1-216-833-11	METAL CHIP	10K 5% 1/16W
D10	8-719-988-61	DIODE 1SS355TE-17		R91	1-216-813-11	METAL CHIP	220 5% 1/16W
D11	8-719-988-61	DIODE 1SS355TE-17		R92	1-216-813-11	METAL CHIP	220 5% 1/16W
				R94	1-216-821-11	METAL CHIP	1K 5% 1/16W

CFD-G35

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TUNER

Ref. No.	Part No.	Description	Remarks
< TRANSFORMER >			
T1	1-433-741-11	TRANSFORMER, IF	
T2	1-419-465-11	COIL (DET)	
< VIBRATOR >			
X1	1-781-592-11	VIBRATOR, CRYSTAL 75kHz (US,CND,E92,MX)	
X1	1-760-130-11	VIBRATOR, CRYSTAL 75kHz (AUS,AR,SP)	

MISCELLANEOUS			

9	1-823-740-11	CABLE, FLEXIBLE FLAT (26 CORE)	
17	1-823-744-11	CABLE, FLEXIBLE FLAT (4 CORE)	
58	1-452-899-11	MAGNET	
103	1-757-778-11	CABLE, FLEXIBLE FLAT (11 CORE)	
123	1-823-742-11	WIRE (FLAT TYPE) (14 CORE)	
124	1-757-689-11	CABLE, FLEXIBLE FLAT (16 CORE)	
△ 251	8-820-161-02	OPTICAL PICK-UP KSS-213R	
ANT1	1-501-883-21	ANTENNA, TELESCOPIC	
HE301	1-543-876-11	HEAD (ERASE)	
HRP301	1-500-691-11	HEAD,MAGNETIC(RECORD/PLAYBACK)	
M321	A-3320-446-A	MOTOR, ASSY (CAPSTAN/REEL)	
M701	X-2162-712-1	GEAR ASSY (R) (RP), MOTOR (SLED)	
S321	1-771-686-11	SWITCH, LEAF (PLAY SW)	
S322	1-762-679-11	SWITCH, LEAF (MOTOR SW)	
S801	1-692-960-11	SWITCH, PUSH (1 KEY) (▲PUSH OPEN/CLOSE)	

Ref. No.	Part No.	Description	Remarks
SP391	1-825-029-11	SPEAKER (10cm)(BLACK)	
SP391	1-825-159-11	SPEAKER (10cm)(SILVER)	
SP392	1-825-029-11	SPEAKER (10cm)(BLACK)	
SP392	1-825-159-11	SPEAKER (10cm)(SILVER)	
SP393	1-825-030-11	SPEAKER (8cm) (WOOFER)	

ACCESSORIES			

	A-3170-228-A	REMOTE COMMANDER (RMT-CEX35AD)	(SILVER)
	A-3170-229-A	REMOTE COMMANDER (RMT-CG35A)	(BLACK)
△	1-557-287-11	CORD, POWER (E92,MX)	
△	1-575-131-11	CORD, POWER (SP)	
△	1-696-819-11	CORD, POWER (AUS)	
△	1-783-878-11	CORD, POWER (US,CND)	
△	1-783-952-11	CORD, POWER (AR)	
	3-027-153-01	LID, BATTERY CASE (FOR RMT-CG35A)	
	3-027-153-11	LID, BATTERY CASE (FOR RMT-CEX35AD)	
	3-241-303-11	MANUAL, INSTRUCTION (ENGLISH)	(US,CND,E92,MX)
	3-241-303-21	MANUAL, INSTRUCTION (FRENCH) (CND)	
	3-241-303-31	MANUAL, INSTRUCTION (SPANISH) (E92,MX)	
	3-241-303-41	MANUAL, INSTRUCTION (ENGLISH,SPANISH)	(AUS,AR,SP)

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.

Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

[illegible]